Samsung Captivate™

a GALAXY S™ phone

PORTABLE Quad-BAND

MOBILE PHONE

User Manual

Please read this manual before operating your phone, and keep it for future reference.



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Dynamic Noise Suppression from Audience™

Your phone is equipped with an advanced voice processing chip that delivers clear mobile calls by suppressing background noise, intermittent sounds (like a siren or nearby conversation), and echoes, allowing you to hear and be heard nearly anywhere.

How Does It Work?

Based on the intelligence of the human hearing system, the technology:

- Captures, evaluates and distinguishes all the sound signals surrounding your phone, and the person you're speaking with.
- Then isolates the primary voice in conversation and filters out the background noise - so the person you're calling hears only your voice, without disturbing background noise.
- Dynamically equalizes and adjusts voice volume to optimize your calling experience, so you can hear clearly and don't need to speak louder to overcome surrounding noise.

The noise suppression technology is built-in and already enabled in your new mobile phone. So it's ready to provide unsurpassed voice clarity with every call.

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This section explains how to start using your phone by first configuring your hardware, activating your service, and then setting up your voice mail.

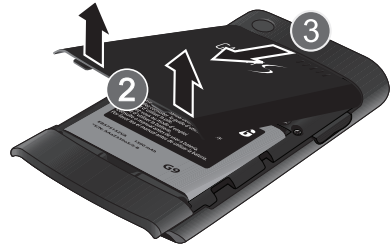
Setting Up Your Phone

Prior to use it is necessary to install both the battery and SIM into their corresponding internal compartments. The microSD™ card slot is also located in this same internal area.

1. Remove the battery cover by sliding the bottom section of the phone downward (1).



2. Lift the cover up (2) and away from the phone (3).



Installing the SIM Card

When you subscribe to a cellular network, you are provided with a plug-in SIM card loaded with your subscription details, such as your PIN, available optional services, and many others features.

Important!: The plug-in SIM card information and its contacts can be easily damaged by scratching or bending, so be careful when handling, inserting, or removing the card. Keep all SIM cards out of reach of small children.

- Carefully slide the SIM card into the SIM card socket (as shown) until the card locks into place.
 - Make sure that the card's gold contacts face into the phone and that the upper-left angled corner of the card is positioned as shown.



Note: If the card is not inserted correctly, the phone does not detect the SIM card. Re-orient the card back into the slot if the SIM is not detected.

Installing the Memory Card

Your device lets you use a microSD™ (SD) or microSDHC™ card to expand available memory space. This secure digital card enables you to exchange images, music, and data between SD-compatible devices. This type of memory card is designed for use with this mobile phone and other devices.

- Push the microSD card into the slot until it clicks (as shown).
 - Make sure the microSD's gold contact pins face downward and the card is securely inserted.



Note: Your phone has been tested to support up to a 16GB memory card.

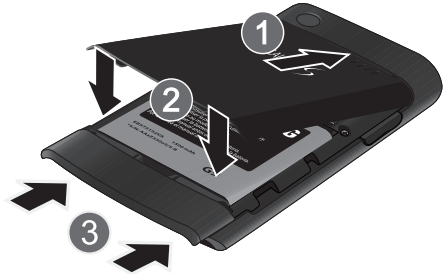
For more information on Memory Cards, see *"Memory Card"* on page 34.

Installing the Battery

1. Insert the battery into the opening on the back of the phone, making sure the connectors align (1).
2. Gently press down to secure the battery (2).



3. Place the battery cover onto the back of the phone (1) and press down (2).
4. Press up on the bottom of the phone (3) until you hear a light click.



Note: Make sure the battery is properly installed before switching on the phone.

Charging a Battery

Your phone is powered by a rechargeable Li-ion battery. The Travel Adapter that is used to charge the battery, is included with your phone. Use only Samsung-approved batteries and chargers.

Note: Long backlight settings, searching for service, vibrate mode, browser use, and other variables may reduce the battery's talk and standby times.

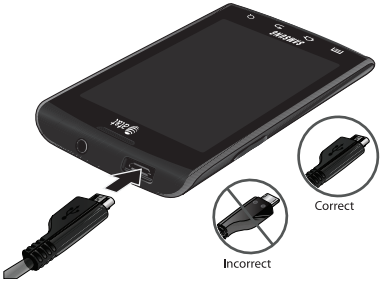
Although you can use the phone while the battery is charging, doing so will require additional charging time.

Note: You must fully charge the battery before using your phone for the first time. A discharged battery recharges fully in approximately 4 hours.

Using the Travel Adapter

1. With the battery installed, slide the plastic cover open (top left side of phone) .

Important!: Verify that the handset battery is installed prior to connection. If the battery is not properly installed and the wall charger is connected, the handset may power off and on continuously, preventing proper operation.



2. Plug the flat end of the Travel Adapter into the Power/ Accessory Interface connector and the other end into a standard AC wall outlet.
3. When charging is finished, remove the flat end from the interface connector jack on the phone.

Warning!: If your handset has a touch screen display, please note that a touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty. For more information, refer to *"Standard Limited Warranty"* on page 176.

Note: Failure to unplug the wall charger before you remove the battery, can cause damage to the phone.

Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain, the battery icon () blinks and the device sounds a warning tone at regular intervals. In this condition, your phone conserves its remaining battery power, not by turning off the backlight, but by entering the dimming mode. For a quick check of your battery level, glance at the battery charge indicator located in the upper-right corner of your device's display. Solid color () indicates a full charge.

When the battery level becomes too low, the phone automatically turns off.

Switching the Phone On or Off

1. Press and hold (on the upper right side of the phone) until the phone switches on.
2. Sweep your finger across the glass to unlock the phone.

Note: The display language is preset to English at the factory. To change the language, use the Language menu. For more information, refer to *"Changing Your Settings"* on page 98.

3. To switch off the phone, press and hold , until the **Phone options** screen displays.
4. Tap **Power off** to switch off the phone.

Locking and Unlocking the Touch Screen

1. Press to lock the touch screen.
2. Press again to display the main screen then sweep your finger across the glass to unlock the touch screen.

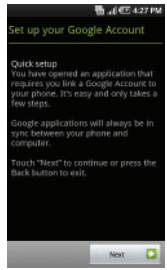
Creating a New Google Account

In order to utilize your device to the fullest extent, you will need to create a Google™ Account when you first use your device. With a Google Account, Google applications will always be in sync between your phone and computer.

After you start your phone for the first time, follow these steps:

1. From the Home screen, touch **Applications** → **Gmail** .

 The Quick setup screen displays.



2. Touch **Next** to continue.
3. Follow the on-screen instructions to create Google Account.

Note: If you already have a Google account, you only need to sign in.

Retrieving your Google Account Password

A Google account password is required for Google applications. If you misplace or forget your Google Account password, follow these instructions to retrieve it:

1. From your computer, use an Internet browser to navigate to http://google.com/accounts.
2. Once the URL loads, click on the **Can't access your account?** link.
3. From the **Please select your issue** section, select **I forgot my password**.
4. Select **Reset your password here**, then follow the password recovery procedure.

Setting Up Your Voice Mail

1. From the Home screen, tap , then touch and hold 1 .

 You may be prompted to enter a password.
2. Follow the tutorial to create a password, record a greeting, and record your name.

Note: These steps may be different depending on your network.

Accessing Your Voice Mail

1. From the Home screen, tap , then touch and hold 1 .
2. When connected, follow the voice prompts from the voice mail center.

Accessing Your Voice Mail From Another Phone

1. Dial your wireless phone number.
2. When you hear your voicemail greeting, press the asterisk key on the phone you are using.
3. Enter your passcode.

Section 2: Understanding Your Phone

This section outlines some key features of your phone and describes the screen and the icons that appear when the phone is in use. It also shows how to navigate through the phone and provides information on using a memory card.

Features of Your Phone

Your phone is lightweight, easy-to-use and offers many useful features. The following list outlines a few of the features included in your phone.

- Touch screen provides quick response to a variety of in-phone menus and options including applications and seven home screens
- Solid Android platform
- Ready access to the Internet
- Built-in Bluetooth and Wi-Fi technology
- Brilliant wide-screen AMOLED display
- 5 Megapixel camera and camcorder
- AT&T GPS Navigation functionality provides real-time navigation
- microSD card compatibility for use in data storage and access
- HSDPA 7.2 mbps high speed download capability
- Assisted GPS (TeleNav GPS Navigation)
- Up to 16GB expandable memory slot
- Sync and update social network applications

Front View of Your Phone



1. **External speaker**: allows you to hear the caller.
2. **Home screen indicator**: shows which Home screen is presently displayed.
3. **Application icons**: you can place shortcuts to your favorite applications on the Home screen.
4. **Primary shortcuts**: allows quick access to important features such as Dialer, Email, Browser, and Applications. For more information, refer to *"Primary Shortcuts"* on page 14.
5. **Menu key**: allows you to access sub-menus with additional options for different features and applications such as Home screen, Phone, Contacts, Messaging, and Web.
6. **Home key**: allows you to return to the main Home screen from any Home screen or menu.
7. **Back key**: allows you step backwards when navigating a menu or web page.
8. **Search key**: allows you to access the Google Search feature where you can search for items on the internet.
9. **Google Quick Search bar**: a shortcut to Google Search that allows you to search for items on the internet.
10. **Indicator icons**: shows the information needed to operate your phone, such as the received signal strength, phone battery level, time, unread Emails, missed calls, etc.

Side Views of Your Phone



1. **Power/Accessory Interface connector**: allows you to connect a Travel Charger or other optional accessories such as a USB/data cable or a hands-free headset for convenient, hands-free conversations.
2. **Volume keys**: allow you to adjust the ringer volume while in standby mode or adjust the voice volume during a call. When receiving an incoming call, briefly press down either volume key () to mute the ring tone. Press and hold either volume key to reject the call and send it directly to voicemail. Adjusts text size when reading a message or using the browser in the Applications folder.
3. **Microphone**: allows other callers to hear you when you are speaking to them.
4. **Lock key**: () lets you lock or unlock the touch screen. For more information on locking your phone, see *"Locking and Unlocking the Phone"* on page 25.
5. **3.5mm Headset jack**: allows you to plug in headphones.

Rear View of Your Phone



1. **Camera lens**: is used to take pictures and shoot videos.
2. **External speaker**: allows you to hear when the Speakerphone is turned on.

Display Layout

Your display screen provides a wealth of information about the phone's status and options, as well as providing access to application icons. For more information, refer to *"Front View of Your Phone"* on page 11.

Primary Shortcuts

There are four non-movable Application Shortcuts that appear at the bottom of all Home screens. The default shortcuts are:

- **Phone** for dialing a number.
- **Email** for creating and viewing Email.
- **Browser** for surfing the Internet.
- **Applications** for accessing the applications on your phone.

While viewing the Applications Menu, the Application shortcut changes to **Home**, which returns you to the Main screen.

You can change the Phone, Email, and Browser application shortcuts to any icon that is displayed in the Applications menu.

For more information, refer to *"Adding and Removing Primary Shortcuts"* on page 29.

Indicator Icons

This list identifies the symbols you'll see on your phone's display and Indicator area:


Displays your current signal strength. The greater the number of bars, the stronger the signal.


Indicates that the Airplane Mode is active. You cannot send or receive any calls or access online information.


Displays when there is no SIM card in the phone.


Displays when there is a system error or alert.


Displays when a call is in progress.


Displays when a call is on hold.


Displays when the speakerphone is on.


Displays when a call has been missed.



Displays when Call forwarding is set to Forward always. For more information, refer to *"Call Settings"* on page 102.



Displays your battery charge level. Icon shown is fully charged.



Displays when your battery is charging. Also displays battery charge level.



Device Power Critical – Shows your current battery only has three percent power remaining and will immediately shutdown.



Displays when your connection to an EDGE network is active.



Displays when your phone is communicating with the EDGE network.



Displays when your connection to a 3G network is active.



Displays when your phone is communicating with the 3G network.



Displays when an external microSD memory card is detected.



Displays when an external microSD memory card is removed.



Displays when an external microSD memory card is full.



Displays when the phone is connected to a computer via a supported USB cable connection.



Displays when a new text or multimedia message is received.



Displays when a new voice mail is received.



Displays when Email is received.



Displays when you set an alarm to ring at a specified time. For more information, refer to *"Alarm"* on page 142.



Displays when the Sound profile is set to silent or the volume has been manually lowered below level 1.



Displays when the Sound profile is set to vibrate.



Displays when Bluetooth is activated.



Displays when a Bluetooth device has been paired with the phone.



Displays when Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).



Displays when Wi-Fi is active but there is a communication issue with the target Wireless Access Point (WAP).



Displays when GPS is acquiring a signal.



Displays when GPS is active.



Displays when TTY device has been inserted.

For more details on configuring your phone's settings, see *"Changing Your Settings"* on page 98.

Application Icons

The Application menu provides quick access to the items you use most frequently.

The following table contains a description of each application. If the application is already described in another section of this user manual, then a cross reference to that particular section is provided.

For information on navigating through the Applications icons, see *"Navigating Through the Application Menus"* on page 26.

1. From the Home screen, tap , then tap one of the application icons.
2. Follow the on-screen instructions.
3. To return to the Home screen, tap .

The following applications are available:



AllShare: AllShare allows your phone to stream photos, music and videos from its memory to other Digital Living Network Alliance (DLNA) certified devices. Your phone can also play digital content streamed from other DLNA certified devices. For more information, refer to *"AllShare"* on page 136.



AT&T FamilyMap: provides peace of mind by being able to conveniently locate a family member from your wireless phone or PC and know that your family's location information is secure and private. For more information, refer to *"AT&T FamilyMap"* on page 137.



AT&T Hot Spots:

At AT&T Hot Spots, you have unlimited Wi-Fi access on the AT&T Hot Spot Network throughout the world. For more information, refer to *"AT&T Hot Spots"* on page 129.



AT&T Maps:

AT&T Maps is a free introductory location-based service which provides static, non-moving, non-voice guided, turn-by-turn driving directions, with additional user features such as Local Search (limited) business listings and points of interest (POI) and address sharing with non-TeleNav subscribers. For more information, refer to *"AT&T Maps"* on page 137.



AT&T Music:

AT&T Music provides you access to Streaming Music, Music Videos, Music communities, Music applications, and allows you to both identify and purchase music directly from your handset. For more information, refer to *"AT&T Music"* on page 69.



AT&T Navigator:

AT&T Navigator provides you with access to real-time GPS-driven applications. These programs not only allow you to achieve turn-by-turn navigation, but also access local searches based on a variety of category parameters. For more information, refer to *"AT&T Navigator"* on page 138.



AT&T Radio:

With AT&T Radio, you can listen to over 400 stations anywhere you go. Get the best in radio with iheartradio including local stations from across the nation or access a limitless selection of music by creating personal radio stations. Listen to the best in music, from Hip-Hop and R&B to Rock, Pop, Latin and more, PLUS the best in talk radio such as Fox Sports, AccuWeather, ABC News, and The Onion. For more information, refer to *"AT&T Radio"* on page 74.



Browser:

Open the browser to start surfing the web. The browser is fully optimized and comes with advanced functionality to enhance the Internet browsing feature on your phone. For more information, refer to *"Browser"* on page 121. This icon only displays in the Applications menu when Browser has been removed as a primary shortcut.



Calculator:

Using this feature you can use the phone as a calculator. The calculator provides the basic arithmetic functions; addition, subtraction, multiplication, and division. You can also use this as a scientific calculator. For more information, refer to *"Calculator"* on page 140.



Calendar:

With the Calendar feature, you can consult the calendar by day, week, or month, create events, and set an alarm to act as a reminder, if necessary. For more information, refer to *"Calendar"* on page 140.



Camera:

Use your 5.0 megapixel camera feature to produce photos in a JPEG format. For more information, refer to *"Camera"* on page 77.



Clock:

This application displays the Contact list. Here you can use and manage your Contacts List. You can save phone numbers to your phone's memory or to your SIM card. For more information, refer to *"Clock"* on page 142.



Contacts:

You can manage your daily contacts by storing their name and number in your Address Book. Address Book entries can be sorted by name, entry, or group. You can also synchronize your phone Address Book with AT&T Address Book, the network backup service. For more information, refer to *"Contacts and Your Address Book"* on page 55.



Daily Briefing:

With Daily Briefing, you can monitor the weather, financial information, news, and your schedule from one convenient location. For more information, refer to *"Daily Briefing"* on page 144.



Email:

Email enables you to review and create email using AIM®, AOL®, Yahoo!® Mail, Comcast, Compuserve, Earthlink, Gmail, HotPOP, Juno, Mac, NetZero, SBC Yahoo! and several other email services. You can also receive text message alerts when you receive an important email. For more information, refer to *"Using Email"* on page 94. This icon only displays in the Applications menu when Email has been removed as a primary shortcut.



Gallery:

The Gallery is where you view photos and play back videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or contact image, and share as a picture message. For more information, refer to *"Gallery"* on page 76.



Gmail:

Gmail is a web-based email service. Gmail is configured when you first set up your phone. Depending on your synchronization settings, Gmail can automatically synchronize with your Gmail account on the web. For more information, refer to *"Using Gmail"* on page 95.



Instant Messaging:

Instant Messaging (IM) is a way of sending short, simple messages that are delivered immediately to users on line at that moment.For more information, refer to *"Using Instant Messaging (IM)"* on page 96.



Maps:

Depending on your location, you can view basic, custom, and satellite maps and local business information, including locations, contact information, and driving directions. You can also post public messages about a location and track your friends. For more information, refer to *"Maps"* on page 146.



Market:

Android Market provides access to downloadable applications and games to install on your phone. Android Market also allows you to provide feedback and comments about an application, or flag an application that might be incompatible with your phone. For more information, refer to *"Market"* on page 147.



Media Hub:

Samsung Media Hub is your one stop for the hottest movie and TV content. You can rent or purchase your favorite content and watch from the convenience of anywhere. For more information, refer to *"Media Hub"* on page 68.



Memo:

This feature allows you to create a memo. For more information, refer to *"Memo"* on page 148.



Messaging:

You can send and receive different types of messages. For more information, refer to *"Messaging"* on page 88.



Mini Diary:

The Mini Diary allows you to keep a diary of your daily activities and also attach pictures. You can publish your diary entries to Facebook and MySpace. For more information, refer to *"Mini Diary"* on page 148.



Mobile Banking:

You can access your banking information on your device. Mobile Banking allows you to view balances, perform transfers, view account history and pay bills directly from your mobile phone. Partner banks include: Citi, Chase, Wachovia, SunTrust, USAA, Regions, Arvest, Synovus, America First, BancorpSouth, Bank Caroline, 1st Bank, Carolina First, Mercantile Bank, and many others. For more information, refer to *"Mobile Banking"* on page 149.



Mobile Video:

Your phone allows you to access the Internet and download media files directly to your phone. These media files are displayed using the built-in Media Player. Mobile Video is a media service which allows you to stream media content (Weather, News, Sports highlights, etc.) directly to your phone. For more information, refer to *"Mobile Video"* on page 75.



MobiTV:

MobiTV is a subscription service that allows you to watch your favorite TV shows using your handset. For more information, refer to *"MobiTV"* on page 73.



Music Player:

Music Player allows you to play music files that you have stored on your microSD card. You can also create playlists. For more information, refer to *"Music Player"* on page 71.



My Files:

My Files allows you to manage your sounds, images, videos, bluetooth files, Android files, and other memory card data in one convenient location. For more information, refer to *"My Files"* on page 150.



Settings:

This icon navigates to the sound and phone settings for your phone. It includes such settings as: display, security, memory, and any extra settings associated with your phone. For more information, refer to *"Changing Your Settings"* on page 98.



Talk:

Google Talk is a free Windows and web-based application for instant messaging offered by Google. Conversation logs are automatically saved to a Chats area in your Gmail account. This allows you to search a chat log and store them in your Gmail accounts. For more information, refer to *"Google Talk"* on page 97.



Video Player:

The Video Player application plays video files stored on your microSD card. For more information, refer to *"Video Player"* on page 75.



Voice Recorder:

The Voice Recorder allows you to record an audio file up to one minute long and then immediately send it as a message. For more information, refer to *"Voice Recorder"* on page 151.



Voice Search:

The Voice Search feature is a voice-activated application that allows you to tell the phone what to search for and then the phone activates a Google search based on what you said. For more information, refer to *"Voice Search"* on page 151.

Where:

is a downloadable mobile application that uses your current location (obtained via the built-in GPS) to help you find places of interest, things to do, and local information while you're on the go. For more information, refer to *"Where"* on page 152.

Write and Go:

You can use Write and go to jot down an idea first and later decide on a format such as SMS/ MMS, email, calendar or memo. For more information, refer to *"Write and Go"* on page 153.

YouTube:

YouTube is a video sharing website on which users can upload and share videos, and view them in MPEG-4 format. For more information, refer to *"YouTube"* on page 153.

YPmobile:

The Yellowpages Mobile application provides quick and ready access to businesses, map locations, and storage of your favorite searches. This application allows you to tap into local businesses, locations, and events, connecting you to your search in real-time. For more information, refer to *"YPmobile"* on page 154.

Tip: To open applications quickly, add the icons of frequently-used applications to the Home screen or to the folders you created. For details, see see *"Customizing Your Home Screen"* on page 27.

Google Search Bar

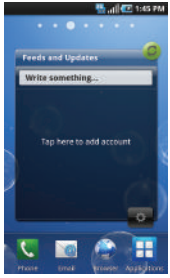
The Google Search Bar provides you an on-screen Internet search engine powered by Google™.

1. From the main home screen, tap the Google Search bar .
2. Use the on-screen keypad to enter the item you want to search for.
3. Tap  to see search results.
4. Tap  to use Google Voice Search. For more information, refer to *"Voice Search"* on page 151.

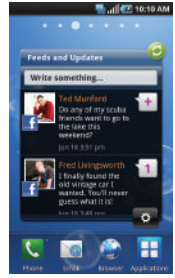
Feeds and Updates

This application allows you to have feeds and updates from Facebook, MySpace, and Twitter displayed on your phone.

1. From the main Home screen, sweep the screen to display the next Home screen to the left. The Feeds and Updates screen is displayed.



2. Tap on the **Tap here to add account** field.
3. Select the Social networks that you would like to have added to your Feeds and Updates. Select **Facebook**, **MySpace**, and/or **Twitter**.
4. You must first sign in to the social networks that you would like to have feeds and updates displayed on your phone. At the Sign in prompt, touch **OK**.
5. Enter **Email** and **Password** and touch **Log in**.
6. The Feeds and Updates screen will be updated with the latest feeds and updates from your social networks.



7. Touch  in the top right corner of the screen to automatically refresh your social networking feeds and content.

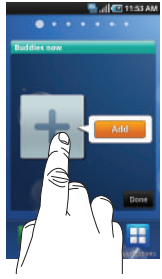
8. Touch to display the following settings:

- **Auto Refresh**: this option allows you to set how often your social networks are updated. Choose None, Every 30 minutes, Every 1 hour, Every 4 hours, Every 8 hours, or Once a day.
- **Service on/off**: this option allows you to turn the Feeds and Updates to your different social networks on or off. Touch the social networks to toggle the green arrows on and off. The green arrow indicates that the Feeds and Updates are on.

Buddies Now

The Buddies now application allows you to keep your contact and social network favorites on a circular roledex-like display. If your contacts are sync'ed with your social network applications, the information and pictures will be updated on Buddies now whenever your contacts update their information. You can comment on their status or call them with one touch.

1. Touch to activate the Home screen.
2. Navigate to the desired empty Home screen.
3. Touch and hold on an empty area of the screen.
4. From the **Add to Home screen** window tap **Samsung Widgets**.
5. Tap **Buddies now**. The Buddies now screen will be displayed on the selected Home screen.



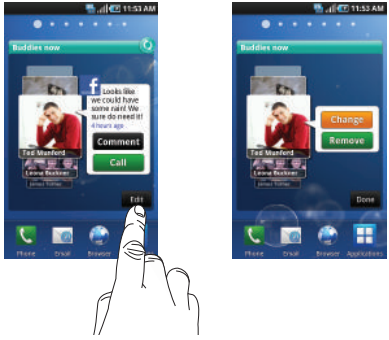
6. Touch the add symbol as shown in the above diagram.
7. Touch a contact from the Contact list to add to the Buddies now list.
8. Repeat steps 6 and 7 until you have added all of the contacts that you want.
9. Touch in the top right corner of the screen to automatically refresh your social networking feeds and content.
10. Touch **Comment** to send a comment to you contact's social networking application.
11. Touch **Call** to call the contact.

12. Touch the contact photo or image to display contact information, History, Updates, and Media related to this contact.

Changing or Removing Buddies

To change or remove a contact from the Buddies now list:

1. Touch **Edit** on the Buddies Now screen.
2. Touch **Change** or **Remove** to replace or delete the contact your Buddies now list.



Menu Navigation

You can tailor the phone's range of functions to fit your needs using both menus and widgets. Menus, sub-menus, and features can be accessed by scrolling through the available on-screen menus. Your phone originally has seven home screens.

Locking and Unlocking the Phone

To unlock your phone:

1. Press the lock button located on the upper right side of your phone.
2. The main home screen will display with **Phone locked** displayed at the bottom of the screen.
3. Sweep the touch screen in any direction.



4. The Home screen will display as shown above.

Home Screen Overview

The main home screen is the starting point for many applications and functions, and it allows you to add items like application icons, shortcuts, folders, or Google widgets to give you instant access to information and applications. This is the default page and accessible from any menu by touching .

Navigating Through the Home Screens

Your phone originally has seven home screens. If you like, you can place different applications on each of the home screens.

- From the main Home screen, sweep the screen with your finger in either direction. The main Home Screen is located in the middle with three Home screens on each side.



Navigating Through the Application Menus

There are three Application Menus available. Follow these steps to navigate through the Application Menus:

1. At the Home screen, tap . The first Application Menu will be displayed.
2. Sweep the screen to access the other two menus.
3. Tap one of the application icons.



Navigating Using Sub-Menus

Sub-menus are available when you are at any Home screen or have selected a feature or application such as Phone, Contacts, Messaging, or Web.

To access a sub-menu:

1. Tap .

 A sub-menu will appear at the bottom of the phone screen.

2. Tap an option.



Accessing Recently-Used Applications

1. Touch and hold from any screen to open the recently-used applications window.
2. Tap an icon to open the selected application.

Customizing Your Home Screen

You can customize your Home screen by doing the following:

- Creating Shortcuts
- Adding and Removing Widgets on the Home Screen
- Repositioning Widgets
- Creating Folders
- Changing the Wallpaper
- Adding and Deleting Home Screens

Creating Shortcuts

Shortcuts are different than the current Home screen Widgets that only launch an application. Shortcuts activate a feature, action, or launch an application.

Note: To move a shortcut from one screen to another, it must first be deleted from its current screen. Navigate to the new screen, then add the shortcut.

Adding a shortcut from the Applications tab

1. Touch  to activate the Home screen.
2. Navigate to the desired Home Page.
3. Tap  to display your current applications.
4. Scroll through the list and locate your desired application.
5. Touch and hold the on-screen icon. This creates an immediate shortcut of the selected icon and closes the Applications tab. The new shortcut then appears to hover over the Home screen.
6. While still holding the on-screen icon, position it on the current page. Once complete, release the screen to lock the new shortcut into its new position on the current screen.

Adding a shortcut via the Add to Home screen

1. Touch  to activate the Home screen.
2. Touch and hold on an empty area of the Home screen.
3. From the **Add to Home screen** window tap **Shortcuts**.
4. Tap a selection from the available list:
 - Applications
 - Bookmark
 - Contact
 - Direct dial
 - Direct message
 - Directions & Navigation
 - Gmail label
 - Settings
5. Follow the on-screen instructions to add the new shortcut to your current Home screen.

Deleting a shortcut

1. Touch  to activate the Home screen.
2. Touch and hold the desired shortcut. This unlocks it from its location on the current screen.
3. Drag the icon over the Delete tab  and release it.

 As you place the shortcut into the Trash, both items turn red.

Note: This action does not delete the shortcut, it just removes it from the current screen.

Adding and Removing Primary Shortcuts

You can change any of your primary shortcuts with the exception of the **Applications** and **Home** shortcuts.

1. Touch to activate the Home screen.
2. Tap to display your current applications.
3. Tap → **View type**.
4. Tap **Customizable grid**. A green circle will appear next to the option.
5. Tap → **Edit**.
6. Scroll through the list and locate your desired application.
7. Touch and hold the on-screen icon, then drag it over the primary shortcut that you want to replace. The new primary shortcut then appears at the bottom of the screen.
8. Tap → **Save**.
9. Touch to return to the Home screen.

 The new primary shortcut will now appear on all Home screens.

Note: When a primary shortcut is removed, it will then appear as an option in the Application menu.

Adding and Removing Widgets

Widgets are self-contained applications that reside in either your Applications tab or on the main or extended Home screens. Unlike a shortcut, the Widget appears as an on-screen application.

Note: To move a Widget from one screen to another, it must first be deleted from its current screen. Activate the new screen, then add the Widget.

Adding a Widget or Samsung Widget

1. Touch to activate the Home screen.
2. Navigate to the desired Home Page.
3. Touch and hold on an empty area of the screen.
4. From the **Add to Home screen** window tap **Samsung Widgets** or **Android Widgets**.
5. Tap an available Widget to place it on your current screen.
 - **Samsung Widgets**: choices include Buddies now, Calendar Clock, Daily Briefing, Days, Dual clock, Feeds and Updates, and Y! Finance Clock.
 - **Android Widgets**: choices include Instant Messaging, Picture frame, Power control, Search, Where, Where Check-In, Where Voice, and YouTube.

Removing an Android Widget or Samsung Widget

1. Touch and hold a Widget until you can move it around on the screen.
2. Drag the Widget over the Delete tab and release it.

 As you place the Widget into the Trash, both items turn red.

Note: This action does not actually delete the Widget, it just removes it from the current Home screen.

Moving Icons in the Applications Menu

1. Touch to activate the Home screen.
2. Tap to display your current applications.
3. Tap → **View type**.
4. Tap **Customizable grid**. A green circle will appear next to the option.
5. Tap → **Edit**.
6. Scroll through the list and locate the icon you wish to move.
7. Touch and drag the icon to the position that you want. To move to a different page, drag the icon to the edge of the page until the page scrolls to the desired page.
8. Tap → **Save**.
9. Touch to return to the Home screen.

Creating and Managing Folders

Folders are located on any of the seven available Home screens and can contain both files (such as data and images) and Contact information or entries.

To create a folder on-screen follow these steps:

1. Touch to activate the Home screen.
2. Navigate to the desired Home Page.
3. Touch and hold on an empty area of the screen.
4. From the **Add to Home screen** window tap **Folders**.
5. Tap an available folder type to place it on your current screen.
 - Choices include New folder, All contacts, Contacts with phone numbers, Received list from Bluetooth, and Starred contacts.

Note: Starred contacts are those Contact entries tagged as very important.

Changing the Wallpaper

You can change the Wallpaper (background) of your home screens by following these steps:

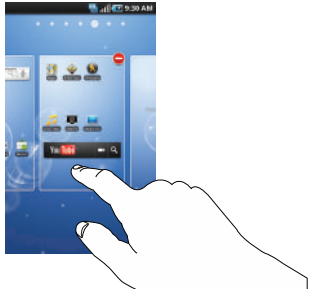
1. Touch to activate the Home screen.
2. Touch and hold on an empty area of the screen.
3. From the **Add to Home screen** window tap **Wallpapers**.
4. Tap one of the following options:
 - **Gallery**: select a wallpaper from photographs you have taken with your camera.
 - **Live wallpapers**: select an animated wallpaper.
 - **Wallpaper gallery**: select from many still-life wallpapers.
5. Select a wallpaper and tap the **Set wallpaper** icon.

Moving Home Screens

Your phone comes with seven Home screens. You can arrange the screens in any order that you want.

To move a Home screen, follow these steps:

1. Touch to activate the Home screen.
2. Tap → **Edit**.
3. Scroll to the Home screen you want to move.



4. Touch and hold the screen then drag it to the location that you would like to place it.

In this example, the Home screen is inserted between two other Home screens.



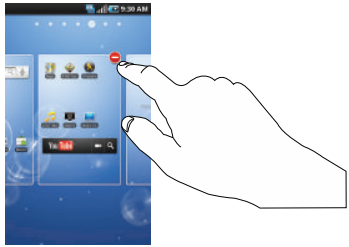
5. Touch to return to the main Home screen.

Adding and Deleting Home Screens

You can delete Home screens and then add Home screens later if you want.

To delete a Home screen, follow these steps:

1. Touch to activate the Home screen.
2. Tap → **Edit**.
3. Scroll to the Home screen you want to delete.
4. Tap to delete the screen.

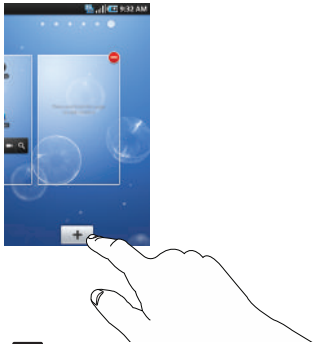


5. Tap → **Save**.
6. Touch to return to the main Home screen.

To add a Home screen, follow these steps:

1. Touch to activate the Home screen.
2. Tap → **Edit**.
3. Scroll to the Home screen to the right of the location where you would like to add the new Home screen.
4. Tap + to add a new blank Home screen.

 A new Home screen is inserted to the left.



5. Tap → **Save**.
6. Touch to return to the main Home screen.

Notification Bar

The Notification Bar includes a pull-down list to show information about processes that are running, recent notifications, and alerts. To display the Status indicator:

- On the Home screen, touch the Notification Bar until the pull-down displays, then drag down vertically.



Clearing Notifications

To clear all notifications from the Notification panel:

1. From the Home screen, touch the Notification Bar until the pull-down displays, then drag down vertically.



2. Touch the **Clear** button.

 The notifications are cleared and the panel closes.

Memory Card

Your device lets you use a microSD™ (SD) or microSDHC™ card to expand available memory space. This secure digital card enables you to exchange images, music, and data between SD-compatible devices. This section addresses the features and options of your device's SD functionality. The device has a USB SD card mode.

Using the SD Card

There are several methods for using the SD card:

1. Connecting to your PC to store files (such as music, videos, or other types of files and media).
2. To activate the camera, video, music player, and other dependant media or applications.

Important!: The Camera, Audio Postcard, Music Player, and Video functionality is all dependant on a mounted SD card. Your device can support SDHC cards up to 16GB capacity.

SD Card Overview

After mounting an SD card in the device you can use your computer to access and manage the SD card.

Important!: If access to the external SD card is not available, download and install the USB drivers.

Mounting the SD Card

To store photos, music, videos, and other applications. You must mount (install) the SD card prior to use. Mounting the SD card establishes a USB connection with your computer.

Important!: You must disable USB storage to mount the SD card.

To mount the SD card:

1. Insert the SD card into the external, SD card slot. For more information, refer to *"Installing the Memory Card"* on page 6.
2. Your SD card is scanned to see the available information on it.

Unmounting the SD card

Unmounting the SD card prevents corruption and damage to the SD card while removing it from the slot.

1. From the Home screen, touch  **➔ Settings ➔ SD card and phone storage**.
2. Touch **Unmount SD card**.
3. When the "**External SD card safe to remove**" message displays at the top of your display, open the phone and remove the SD card. For more information, refer to *"Installing the Memory Card"* on page 6.

SD card Available Memory Status

To view the memory allocation for your external SD card:

1. From the Home screen, touch  **➔ Settings ➔ SD card and phone storage**.
2. The available memory displays under the **Total space** and **Available space** headings.

Erasing Files from the SD card

You can erase files from the SD card using the phone.

1. Ensure the SD card is mounted. For more information, refer to *"Mounting the SD Card"* on page 34.
2. From the Home screen, touch  **➔ Settings ➔ SD card and phone storage**.
3. Touch **Unmount SD card**.
4. Touch **Format SD card**.
5. At the **Format SD Card** confirmation prompt, touch **Format SD Card**.

Warning!: Performing the next step erases all data stored on the SD card.

6. Touch **Erase everything** to format or  to cancel.

Section 3: Call Functions

This section describes how to make or answer a call. It also includes the features and functionality associated with making or answering a call.

For more information, refer to *"Call Settings"* on page 102.

Displaying Your Phone Number

▶ Touch → **Settings** → **About phone** → **Status**. Your phone number is displayed in the **Phone number** field.

Making a Call

1. From the Home screen, touch and use the on-screen keypad to enter the number you wish to dial.
2. Touch to make the call.

Note: When you activate the **Auto redial** option in the Voice Call menu, the phone will automatically redial up to 10 times when the person does not answer the call or is already on the phone. For more information, refer to *"Call Settings"* on page 102.

Making an International Call

1. From the Home screen, touch , then touch and hold 0 +. The **+** character appears.
2. Use the on-screen keypad to enter the country code, area code, and phone number.
 - If you make a mistake, touch until the desired numbers have been deleted.
3. Touch to make the call.

Manual Pause Dialing

To manually call a number with pause(s) without storing it in your Contacts list:

1. From the Home screen, touch and use the on-screen keypad to enter the phone number.
2. Touch to display the dialer sub-menu.
3. Select **Add 3 sec pause** to add a three-second pause, and use the keypad to enter the additional numbers.

Tip: You can create pauses longer than three seconds by entering multiple 3 sec pauses.

4. Select **Add wait** to add a wait. A wait will pause the calling sequence until you enter a number or press a key.
5. Touch  to make the call.

For more information, refer to *"Adding Pauses to Contact Numbers"* on page 58.

Correcting an Entered Number

Use the following steps to correct a mis-typed entry when dialing.

▶ After entering a number using the keypad:

- If you make a mistake, touch  to erase a single character.
- Press and hold  to erase the entire string of numbers.

Ending a Call

▶ Press the  key.

Dialing a Recent Number

All incoming, outgoing and missed calls are recorded in the **Call log**. If the number or caller is listed in your Address Book, the associated name also displayed.

1. From the Home screen, touch .
2. Touch **Call log**.

 A list of recent calls is displayed.
3. Select the Contact to enter the **Details** page, then touch 

.

Making a Call Using Speed Dial

You can assign a short cut number to a phone number in your Contacts List for speed dialing.

1. Touch  to display your Contacts List.
2. Touch  to display the Contacts List sub-menu.
3. Touch **Speed dial**.
4. The **Speed dial** screen displays showing the numbers 1 through 9. The number 1 is reserved for Voicemail.
5. Touch an unused number and the **Contacts** screen displays.
6. Select a contact to assign to the number. The selected contact number will display in the speed dial number box.
7. To remove a speed dial number or change the order, touch  to display the Speed Dial sub-menu.
8. Touch **Change order** or **Remove**.
9. To make a call using Speed Dial, touch  and from the Dialer, touch and hold the speed dial number.

Making a Call from the Address Book

You can store phone numbers that you use regularly on the SIM card or in the phone's memory. These entries are collectively called the **Address Book**.

For further details about the **Address Book** feature, see *"Finding an Address Book Entry"* on page 59.

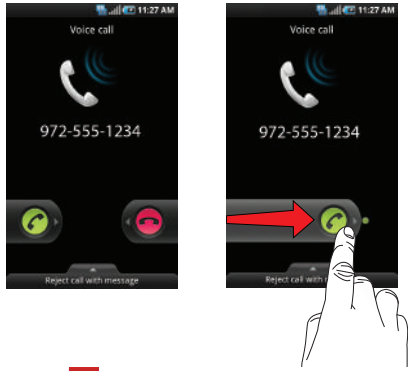
Answering a Call

When a call is received the phone rings and displays the caller's phone number, or name if stored in the Address Book.

1. At the incoming call screen:
 - Touch and slide to the right to answer the call.
 - Touch and slide to the left to reject the call and send it to your voicemail.
 - Touch and slide the **Reject call with message** tab upward and touch a predefined text message to send to the caller.
 - I'm driving
 - In a cinema
 - I'm in class now
 - I'm in a meeting
 - Sorry, I'll call later

 – or –

 - Touch **Create new message** to compose a new message.



2. Press to end the call.

Note: You can answer a call while using the Address Book or other menu feature. After ending the call, the phone returns to the previously active function screen.

Dialing Options

From the Home screen and Application menus, you have the option to access the Dialer and initiate a call by touching . When you manually enter numbers from the Dialer, you will see three dialing options displayed on the screen.

- **Keypad**: dials the current number entered using the on-screen keypad.
- **Call log**: displays a list of all dialed, received, and missed calls.
- **Favorites**: displays your contacts that you have marked as Favorites. Also displays frequently called numbers.
- **Contacts**: takes you to your Address Book where you can select a contact to call.

After you begin to enter numbers, the **Add to Contacts** option appears so you can save the Contact if needed.

Prefix Dialling

When activated, this feature automatically prepends a string of numbers (such as an area code) to any dialed number. This feature is useful for international dialing, or dialing within an area code where all the calls you make for a period of time use one prefix.

1. From the Home screen, touch  → **Settings** → **Call settings** → **All calls** → **Prefix dialling**.
2. Touch the **Enable prefix dialling** field. A green checkmark will appear next to the field.
3. Touch **Prefix dialling list**.The list will be empty until you add a prefix.
4. Touch  → **Create**.
5. Enter a prefix number (for example, 214) using the keypad and touch **Save**.
6. The prefix will appear in the **Prefix dialling list**.
7. Touch the white circle icon next to the prefix to activate it. The icon will turn green.

 Now, whenever you dial a number, the prefix that you activated will be automatically placed in front of the numbers that you dial.
8. To change prefixes, just touch another prefix in the **Prefix dialling list** and the icon next to it will turn green.
9. To delete a prefix, touch  → **Delete**. Then touch all of the prefixes that you wish to delete and touch **Delete.**

Call Log

The phone stores the numbers of the calls you've dialed, received, or missed in the **Call log**. The Call log displays the details of the call.

1. From the Home screen, touch .
2. Touch **Call log**.

 A list of recent calls is displayed. If the number or caller is listed in your Address Book, the associated name is displayed.

All calls made, received, and missed are listed. Types of calls are identified by the following icons:

- **Incoming Calls**:
- **Outgoing Calls**:
- **Missed Calls**:

Viewing Missed Calls from the Home Screen

The number of calls you have missed is displayed on the Home screen.

1. Touch the puzzle piece with the number of missed calls on it and move it to the area where the piece is missing.



Note: If there is a voicemail sent by the same number, associated icons are displayed and can then be selected.

2. The Call log is displayed. Missed calls are identified by the icon next to the number.

Calling Back a Missed Call

To call back a missed call number:

1. From the Home screen, touch → **Call log**.

 A list of recent calls is displayed. If the number or caller is listed in your Address Book, the associated name is displayed.

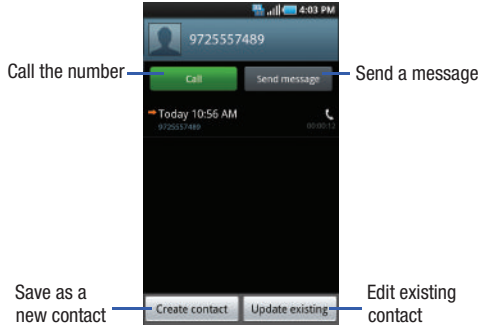
2. Touch the desired missed call.
3. Touch **Call**.

Saving a Recent Call to your Address Book

1. From the Home screen, touch → **Call log**.

 A list of recent calls is displayed.

2. Touch the call you want to save to your Address Book.
3. The call detail page is displayed. Touch **Create contact** to add as a new contact or **Update existing** to edit the contact if it already exists.



4. If this is a new contact, the **Save contact to** screen is displayed. Touch **Phone** or **SIM** depending on where you wish to save the new contact to.
5. Touch the **Name** field and enter a name using the on-screen QWERTY keypad.
6. Touch **NEXT**.
7. Touch **Save**.

For further details about the **Address Book** feature, see *"Adding a New Contact"* on page 56.

Sending a Message to a Recent Call

1. From the Home screen, touch  ➔ **Call log**.

 A list of recent calls is displayed.
2. Touch the call you want to send a message to.
3. The call detail page is displayed. Touch **Send Message**.

 – or –

 From the Call log, touch and hold the call you want to send a message to.
4. At the "Create" screen, touch the empty text field and use the on-screen keypad to type in a message.
5. To add additional recipients, touch the recipients field at the top of the screen. Insert new recipients by:
 - Pressing the recipients field and then entering the number manually. Insert a semi-colon between multiple recipients.
 - Selecting from **Recent** to choose your recipient from recent calls.
 - Select an entry from your **Contacts** list.
 - Selecting members of a **Group**.
6. When you are done with your message, touch **Send**.

For more information, refer to *"Creating and Sending Messages"* on page 88.

Deleting a Call from the Call Log

1. From the Home screen, touch  ➔ **Call log**.

 A list of recent calls is displayed.
2. Touch and hold the call you want to delete from the Call log.
3. Touch **Delete**.

 The call is deleted from the Call log.

Adding a Call to the Reject List

1. From the Home screen, touch  ➔ **Call log**.

 A list of recent calls is displayed.
2. Touch and hold the call you want to add to the Reject List.
3. Touch **Add to reject list**.

 Future calls from this number will be rejected and sent to your voicemail.

Call Duration

1. From the Home screen, touch .
2. Touch **Call log**.
3. Touch  to display the Call log sub-menu.
4. Touch **Call duration**.
5. The following times are displayed for Voice and Data:
 - **Last call**: shows the length of time for the last call.
 - **Dialled calls**: shows the total length of time for all calls made.
 - **Received calls**: shows the total length of time for all calls received.
 - **All calls**: shows the total length of time for all calls made and received.
6. You may reset these times to zero by touching  → **Reset**.

Options During a Call

Your phone provides a number of control functions that you can use during a call.

Adjusting the Call Volume

During a call, to adjust the earpiece volume, use the **Volume** keys on the left side of the phone.

- Press the **Up** volume key to increase the volume level and press the **Down** volume key to decrease the volume level.

From the Home screen, you can also adjust the ringer volume using these same keys.

In-Call Options

During an active call there are several functions available by touching a corresponding on-screen button.

- **Hold**: place the current active call on hold.
- **Add call**: displays the dialer so you can call another person.
- **Dialpad**: displays the on-screen keypad, where you can enter number using DTMF (Dual Tone Multi-Frequency).
- **End call**: terminates the call.
- **Speaker**: routes the phone's audio through either the speaker or through the earpiece.
 - Touch **Speaker** to route the audio through the speaker. (You can adjust the speaker volume using the volume keys.) A green line will appear under the Speaker button.
 - Touch **Speaker** again to use the phone's earpiece (see *"Using the Speakerphone During an Active Call"* on page 45.) The green line will turn grey when Speaker is not activated.
- **Mute/Unmute** turn the onboard microphone either on or off.
 - Touch **Mute** during a call to mute the microphone. A green line will appear under the Mute button.

– Touch **Mute** again to unmute the microphone. The green line will turn grey when Mute is not activated.

- **Headset** connects to a Bluetooth headset.
 – Touch **Headset** during a call to activate a Bluetooth headset. A green line will appear under the Headset button.
 – Touch **Headset** again to de-activate the Bluetooth headset. The green line will turn grey when the Headset is not activated.
- Touch  for more options:
 – **Contacts**: allows you to go to your Contact list.
 – **Memo**: allows you to jot down a memo during a call.
 – **Noise Reduction On/Off**: allows you to turn on the Noise Reduction feature when you are in a noisy area. Turn it Off when not needed to conserve battery power.

Placing a Call on Hold

You can place the current call on hold at any point during a conversation. You can also make another call while you have a call in progress if your network supports this service.

1. While on a call, touch **Hold** . This action places the current caller on hold (which is displayed on-screen as a greyed-out box).
2. You can later reactivate this call by touching **Resume**.

To make a new call while you have a call in progress

1. Touch .
2. Touch **Add call**  to display the dialer.
3. Enter the new number and touch .

 Once connected, the active call will appear in a green box and the call on hold will appear in a gray box.

Switching Between Calls

When you have an active call and a call on hold, you may switch between the two calls, changing the one on hold to active and placing the other on hold.

1. Touch **Swap**.

 The current call (caller #2) is placed on hold and the previous call on hold (caller #1) is then reactivated so that you can continue conversing with that person. The active call will appear in a green box.
2. Press  to end the currently active call.

To end a specific call

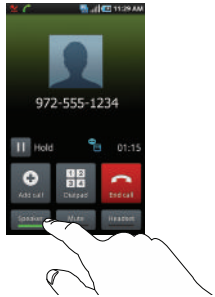
1. Touch **Swap** until the call you want to end appears in a green box.
2. Touch End call to end the specific call.
3. Press the End call key to end the remaining call.

Using the Speakerphone During an Active Call

While in an active call, it is possible to enable the speakerphone feature.

1. Touch **Speaker** Speaker.

 The **Speaker** button now appears as Speaker and the speakerphone is activated.



2. Use the **Volume** keys (located on the left side of your phone) to adjust the volume.
3. To deactivate the speakerphone, touch **Speaker** Speaker.

Important!: For more information, see *"Responsible Listening"* on page 165.

Switching off the Microphone (Mute)

You can temporarily switch your phone's microphone off, so that the other person cannot hear you.

Example: You wish to say something to person in the room, but do not want the person on the phone to hear you.

To mute your phone during a call

1. Touch **Mute** Mute. The option is then replaced with **Unmute**.

 The **Mute** button now appears as Mute and Mute is activated.

2. Touch **Mute** Mute to deactivate the Mute function and reactivate the microphone.

Bluetooth headset

1. Touch **Headset** 

.
2. The phone will scan for your Bluetooth headset. When found, connect to the headset.

 The **Headset** button now appears as 

and the Bluetooth headset is activated.
3. Touch **Headset** 

to deactivate the Bluetooth headset and reactivate the phone speaker.

Searching for a Number in Address Book

1. During the active call, touch  **→ Contacts**
2. Touch the Address Book entry.

For further details about the **Address Book** feature, see *"Finding an Address Book Entry"* on page 59.

Call Waiting

The Call Waiting feature allows you to answer an incoming call while you have a call in progress, if this service is supported by the network, and you must first activate the Call Waiting feature:

▶ Touch  **→ Settings → Call settings → Voice call → Call waiting**.

You are notified of an incoming call by a call waiting tone.

To answer a call while you have a call in progress

1. Touch  and slide to the right to answer another call.
2. Touch **Hold** to put the first call on hold.
3. To switch between the two calls, touch **Swap**.
 - **Swap**: Places the current call on hold and then activates the previous call. The active call will appear in a green box. Touch **Swap** again to switch back.

To end a call on hold

1. Touch  to disconnect the active call.
2. The call on hold, will now become the active call. Press  to end the call.

3-Way Calling (Multi-Party Calling)

The 3-Way or Multi-Party feature allows you to answer a series of incoming calls and place them on hold. If this service is supported by the network, all calls can be joined together. You are notified of an incoming call by a call waiting tone.

Note: The **Join** option combines all of the calls you have established with your phone (both active and on hold).
Swap places the current call on hold and then activates the previous call.

This feature joins all of the calls you have established with your phone (both active and on hold) into a multi-party call.

1. Touch  and slide to the right to answer the call.
2. Touch  and slide to the right to answer the next call.
3. Touch **Hold** to put the first call on hold.
4. Join the first two callers into a single multi-party call by touching **Merge**.
5. To disconnect one of the callers, touch  → **Manage Conference Call**.

 All calls on the conference call will be displayed.
6. Touch  next to the call you want to disconnect.
7. Touch **Back to call** to return to the call screen.
8. Press  to end the call.

Section 4: Entering Text

This section describes how to select the desired text input method when entering characters into your phone. This section also describes the predictive text entry system that reduces the amount of key strokes associated with entering text.

Your phone comes equipped with an orientation detector that can tell if the phone is being held in an upright (Portrait) or sideways (Landscape) orientation. This is useful when entering text.

Your phone not only provides several on-screen keypad text entry options, but also provides handwriting recognition to make the task of text entry that much easier.

Text Input Methods

There are two text input methods available:

- **Samsung Keypad (default)**: an on-screen QWERTY keypad that can be used in both portrait and landscape orientation.
- **Swype**: a new way to enter text on touch screens. Instead of tapping each key, use your finger to trace over each letter of a word.

The on-screen QWERTY keypad works the same in both portrait and landscape mode.

Entering Text Using the Samsung QWERTY Keypad

From a screen where you can enter text, rotate your phone counterclockwise to a Landscape orientation. The on-screen QWERTY keypad will display.



Note: In a Landscape orientation the icon displays the Samsung keypad settings but in Portrait orientation it displays Keypad types.

Changing the Text Input Mode - Keypad

There are two main keypad layout keys that will change the on-screen keys within the QWERTY keypad.

The available Text Input modes are: **Sym** and **Abc**.

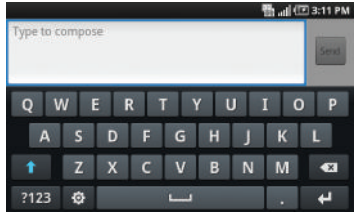
?123 **Symbol/Numeric Mode**: activates the number, symbol, and emoticon keys.

Abc **Abc Mode**: activates the default alphabet keys. Can also be set to **ABC** or **abc** by using the shift () key.

Note: When in **Abc** mode, the **Sym** button will appear. When in **Sym** mode, the **Abc**/**ABC**/**abc** button will appear.

Using Abc Mode

1. If desired, rotate your phone counterclockwise to a Landscape orientation.
2. The following screen displays:

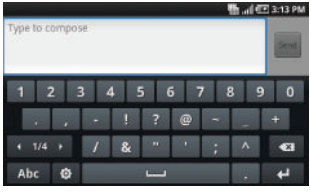


3. Tap the desired alphabetic characters.
4. The screen initially opens in Abc mode. After typing the first letter, the shift key ()will change to and following letters will be lowercase.
5. Tap to input another upper-case letter or tap twice to switch to ABC mode. The shift key will change to in ABC mode. All following letters will be uppercase until you tap the shift key again.
6. Tap Send to send the message or tap for more options. For more information, refer to *"Creating and Sending Messages"* on page 88.

Using Symbol/Numeric Mode

Use Symbol/Numeric Mode to add numbers, symbols, or emoticons.

1. Rotate your phone counterclockwise to a Landscape orientation.
2. Touch ?123 at the bottom of the screen. The following screen displays:



3. Tap the desired number, symbol, or emoticon characters.
4. Touch either ◀ or ▶ on the ◀ 1/4 ▶ button to cycle through additional pages.
5. Touch Abc to return to Abc mode.

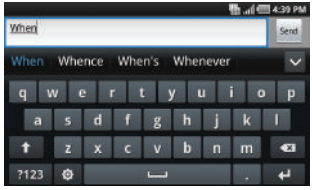
Using XT9 Predictive Text

XT9 is a predictive text system that has next-letter prediction and regional error correction, which compensates for users pressing the wrong keys on QWERTY keyboards.

1. Rotate your phone counterclockwise to a Landscape orientation.
2. Touch ⚙ at the bottom of the screen. The **Samsung keypad settings** screen displays.
3. In a Portrait orientation????
4. Touch the **XT9** field. A green checkmark will appear next to the field.
5. Touch the **XT9 advanced settings** field to modify XT9 associated settings. For more information, refer to *"Samsung Keypad settings"* on page 115.

Note: The XT9 option is available only when Abc mode has been selected.

6. Begin typing a word. A list of word options is displayed. Touch one of the words to replace the word that has already been typed or touch for more word choices.



7. Continue typing your message. Tap Send to send the message or tap for more options. For more information, refer to *"Creating and Sending Messages"* on page 88.

Note: You can also use XT9 mode in the portrait orientation.

Entering Text Using Swype

Swype™ is a text input method that allows you to enter a word by sliding your finger or stylus from letter to letter, lifting your finger between words. Swype uses error correcting algorithms and a language model to predict the next word. Swype also includes a tapping predictive text system.

Enabling and Configuring Swype

The Samsung keypad is the default text input method, so to use Swype, you must first change the default keyboard setting.

To enable Swype:

1. From the Home screen, tap **Applications** → **Settings** → **Locale and text** → **Set default keyboard**.
2. Tap the **Swype** option. A green circle should appear next to **Swype**.
3. Tap to return to the previous menu.

Swype Settings

To configure Swype settings:

1. From the Home screen, tap **Applications** → **Settings** → **Locale and text** → **Swype**.
2. Tap one of the following Swype settings to activate the setting:

Preferences

- **Language**: allows you to select the current text input language. Default language is US English.
- **Auto-spacing**: automatically inserts a space between words. When you finish a word, just lift your finger or stylus and start the next word.

- **Auto-capitalization**: automatically capitalizes the first letter of a sentence.
- **Word Prediction**: uses a built-in word database to predict words while entering text in Swype.
- **Enable Tip Indicator**: turns on an on-screen flashing indicator that provides helpful user information.
- **Audio Feedback**: turns on sounds generated by the Swype application.
- **Vibrate on keypress**: activates a vibration sensation as you enter text using the keypad.

Operation settings

Operation settings provide access to Swype operation parameters.

- **Display Trace**: sets the length of time the word trace line remains on-screen as you swipe across the screen. Move the slider between Shorter or Longer and touch **OK**.
- **Word Choice Window**: sets the amount of times the word choice selection window displays on screen. Move the slider between Never or Always and touch **OK**.
- **Speed vs. Accuracy**: sets how quickly Swype responds to onscreen input. Move the slider between Fast Response (speed) or Error Tolerant (accuracy) and touch **OK**.
- **Auto-select word after**: sets the time period that must pass before the first word is automatically selected. Move the slider between 3 secs or 20 secs and touch **OK**.

Help

These settings provide help and a tutorial to guide you through the process.

Swype Help: displays Swype Help information.

Tutorial: provides an on-screen tutorial.

About

Version provides the current software version for the Swype application.

Swype Text Entry Tips

You can access the SwypeTips application and watch a video or tutorial on using Swype. You can also use the following Swype text entry tips.

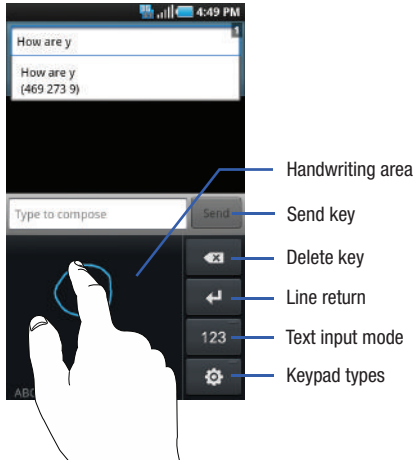
- Create a squiggle (like an S shape) to create a double letter (such as pp in apple).
- Touch and hold a key to view the punctuation menu then make a selection.
- Move your finger or stylus over the apostrophe to enter contractions.
- Double-tap on the word you want to change to correct a misspelled word, then tap the delete key to erase one character. Touch and hold the delete key to erase an entire word.

Using the Handwriting Feature

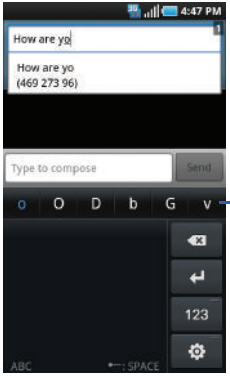
You can enter text simply by using your finger to handwrite letters on your screen.

1. From a screen where you can enter text, hold the phone in the portrait orientation and touch the **Keypad types** icon () to change the screen to Handwriting mode.
2. Tap one of the following Handwriting options:
 - **Handwriting box 1**: allows you to write on the lower half of the screen. The screen is divided into four sections.
 - **Handwriting box 2**: allows you to write on the lower half of the screen. The screen is not divided.
3. Use your finger tip to write out each character.

Note: To properly recognize the written characters and to prevent scratching of the LCD, do not use script.



After writing each character, suggestions will be offered in case the correct letter was not recognized.



character suggestions

Handwriting Tips

- For uppercase letters, write the letter larger than the lowercase letters.
- Write a dash (horizontal line) to add a space.
- To change from letters to numbers, tap 123.
- To change from numbers to symbols, tap ?#+.

Handwriting Settings

1. To change your Handwriting settings, touch and hold , then tap on **Handwriting settings**.
2. The following settings can be changed:
 - **Recognition time**: is the time your phone takes to recognize each character. The longer the time, the more accurate the reading will be.
 - **About**: describes the version, date, and manufacturer of the handwriting software.
3. Tap twice to return to your message.

Section 5: Contacts and Your Address Book

This section allows you to manage your daily contacts by storing their name and number in your Address Book. Address Book entries can be sorted by name, entry, or group.

You can also synchronize your phone Address Book with AT&T Address Book, the network backup service.

Now, managing and keeping your contacts safe and accessible has never been easier!

Note: When storing an Address Book entry into your SIM card, note that only the name, phone number, group, and slot location are initially offered as fields (some SIM cards may allow an address as well). Although you may add additional fields to a SIM entry; if you move that same SIM card to another model phone, it is possible that only the basic information will be transferred.

AT&T Address Book Activation

Upon activation of AT&T Address Book, the network backup service, contacts are automatically synchronized between your phone and online address book. The changes you make are automatically saved and if you ever upgrade, damage, or lose your phone, you can easily restore your contacts onto your new phone.

To activate the AT&T Address Book, follow these steps:

1. From the main Home screen, touch **Contacts** .

Note: The main Home screen initially contains the **Contacts** icon. If you delete it, or if you want to access Contacts from another Home screen, you must touch **Applications** → **Contacts** . You can touch → **Contacts** to access Contacts from the Dialer.

2. Read the Terms and Conditions and touch **Accept** to continue or **Decline** to cancel.
3. At the **Do you want to import the contacts from SIM** prompt, press **Yes** if you have contacts on your SIM card and you would like to add them to your address book. Otherwise, touch **No**.
4. Touch **OK**.
5. Touch **OK** again.

 Your Address Book is displayed.

 Your AT&T Address Book is Ready to Use. You can now make a call or send a message through your Address Book.

You can also manage your Address Book on the web at http://www.att.com/addressbook.

Adding a New Contact

Use the following procedure to store a new contact to your Address Book.

Saving a Number from the Home screen

1. From the main Home screen, touch **Contacts** → **Create contact**.
2. At the **Save contact to** prompt, touch **Phone** or **SIM**.

Note: When adding contacts to your SIM, only **Name**, **Phone number**, and **Email address** fields are displayed. The following steps describe adding a new contact entry to your phone.

3. Touch the image icon and assign a picture to the new entry by choosing one of three options:
 - **Album** to retrieve a previously stored image from your Pictures folder and assign it to this entry. Touch an image to assign the image to the contact, then touch **Save**.
 - **Take photo** to use the camera to take a new picture and assign it to this entry.
 - **Remove icon** although not an option with a new entry, deletes any previously assigned image.
4. Touch the **First name** and **Last name** fields and use the on-screen keypad to enter names for each entry. For more information, refer to *"Entering Text"* on page 48.
5. Touch next to the **Last name** field to display the following additional fields:
 - **Name prefix**: Add prefixes such as Mr, Mrs, Ms, Miss, Dr, etc.
 - **Middle name**: add a middle name if desired.
6. Touch the **Phone number** field.

 The numerical keypad is displayed.

 The **Mobile** button Mobile initially displays next to the **Phone number** field. If you want to add a phone number that is not a mobile number, touch the **Mobile** button and select from Mobile, Home, Work, Work fax, Pager, Assistant, Other, or Custom (add your own label).
7. Enter the phone number.

 Touch to add another Phone number field or touch to delete a field.
8. Touch the **Email address** field.

 The keypad is displayed.

The **Home** button Home initially displays next to the **Email address** field. If you want to add an Email address that is not a Home email address, touch the **Home** button and select from Home, Work, Mobile, Other, or Custom (add your own label).

9. Enter the Email address.

 Touch ⊕ to add another Email address field or touch ⊖ to delete a field.

10. Touch the **Instant msg** field.

 The QWERTY keypad is displayed.

 The **Google Talk** button Google Talk initially displays next to the **Instant msg** field. If you want to add an instant message address that is not **Google Talk**, touch the **Google Talk** button and select from Google Talk, AIM, Windows Live, Yahoo, Skype, QQ, ICQ, Jabber, or Custom (add your own label).

11. Enter the Instant msg address.

 Touch ⊕ to add another Instant msg address field or touch ⊖ to delete a field.

12. Touch any of the following fields that you want to add to your new contact:

 - **Groups**: assign the contact to Family, Friends, or Work group.
 - **Ringtone**: adds a field used to assign a message tone that will sound when messages are received from this contact. Choose between Default, Sound, or Phone Ringtone.
 - **Company**: adds a Company field for this entry.
 - **Job Title**: adds a Job Title field for this entry.
 - **Add more fields:** Touch ⊕ to add the following fields:
 - **NickName**: adds a field that can be used to enter a nickname for the entry. The NickName is not displayed when calls are made to or received from the contact.
 - **Postal address**: adds a field used to assign a physical postal address for this entry.
 - **Web address**: adds a field for the contact's Web site URL.
 - **Birthday**: adds a field for the contact's birthday.
 - **Anniversary**: adds a field for the contact's anniversary.
 - **Note**: adds an Note field for the entry.

13. Touch **Save** to save the edited information.

Adding Pauses to Contact Numbers

When you call automated systems, you are often required to enter a password or account number. Instead of manually entering the numbers each time, you can store the numbers in your Contacts along with special characters called pauses and waits. A pause will stop the calling sequence for two seconds and a wait will pause the calling sequence until you enter a number or press a key.

To add a pause or a wait to a Contact:

1. From the main Home screen, touch **Contacts** , and then touch the name or number to open the Contact.
2. Touch  ➔ **Edit**.
3. Touch the phone number field.
4. Touch the screen at the position where the pause or wait needs to be added.
5. Press and hold * P(,) to add a two-second pause or press and hold # W(;) to add a wait, and use the keypad to enter the additional numbers. A pause will be displayed as a comma (,) and a wait will be displayed as a semi-colon (;).

Note: If more than a two-second pause is required, press and hold * P(,) as many times as needed to add additional two-second pauses.

6. Touch **Save** to store your changes.

Editing an Existing Contact

When editing an existing contact, you can touch a field and change or delete the information, or you can add additional fields to the contact's list of information.

1. From the main Home screen, touch **Contacts** . Touch the Contact that you want to edit.
2. Touch  ➔ **Edit**.
3. Touch to add a new field and touch to delete a field.
4. Touch any of the following fields to add, change, or delete information:
 - **Mobile**: adds a Mobile number field for the entry.
 - **Home**: adds a Home number field for the entry.
 - **Google Talk**: adds an IM address field for Google Talk, AIM, Windows Live, Yahoo, Skype, QQ, ICQ, or Jabber. Touch **Custom** to create your own IM label.
 - **Groups**: assign the contact to Family, Friends, or Work group.

- **Ringtone**: adds a field used to assign a message tone that will sound when messages are received from this contact. Choose between Default, Sound, or Phone Ringtone.
- **Company**: adds a Company field for this entry.
- **Job Title**: adds a Job Title field for this entry.
- **Add more fields:** touch to add the following fields:
 - **NickName**: adds a field that can be used to enter a nickname for the entry. The NickName is not displayed when calls are made to or received from the contact.
 - **Postal address**: adds a field used to assign a physical postal address for this entry.
 - **Web address**: adds a field for the contact's Web site URL.
 - **Birthday**: adds a field for the contact's birthday.
 - **Anniversary**: adds a field for the contact's anniversary.
 - **Note**: adds an Note field for the entry.

5. Touch **Save** to save the edited information.

Using Contacts

Dialing or Messaging from Address Book

Once you have stored phone numbers in the Address Book, you can dial them easily and quickly by either using their SIM card location number or by using the Search field to locate the entry.

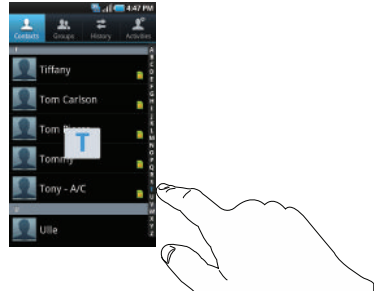
From the Address book, you can also send messages.

Finding an Address Book Entry

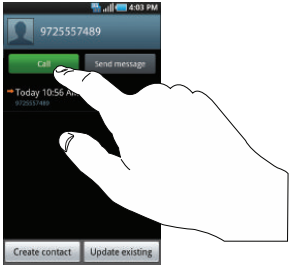
You can store phone numbers and their corresponding names onto your SIM card and phone's onboard memory. The two locations are physically separate but are used as a single entity, called the Address Book.

Depending on your particular SIM card, the maximum number of phone numbers the SIM card can store and how they are stored may differ.

1. From the main Home screen, touch **Contacts** .
2. Within the Contacts list (sorted alphabetically), touch a letter on the right side of the display to quickly jump to the contacts beginning with that letter.



3. Touch the contact you wish to call or message.
4. Touch the phone number you wish to call or message.
5. Touch **Call** to make a phone call or **Message** to send a message.



For more information, refer to *"Creating and Sending Messages"* on page 88.

Tip: From the Contact list, sweep right over a listing to make a call. Sweep left over a listing to send a message.

Linking Contacts

Linking Contact Information

Many people now maintain multiple email accounts, social networking logins, and other similar account information. For example, a Facebook account login name might differ from a corporate email account login because they are maintained separately and for different groups of people.

This device can synchronize with multiple accounts such as Facebook, Twitter, MySpace, Corporate email, and Google. When you synchronize your phone with these accounts, each account creates a separate contact entry in the Contacts list.

If one of your contacts (Amy Smith, for example) has a regular email account that you maintain in Gmail, but also has a Facebook account under her maiden and married name, as well as a Yahoo! chat account, when you merge these accounts into your Contacts list you can link all of her entries and view the information in one record.

The next time you synchronize your phone with your accounts, any updates that contacts make to email account names, email addresses, etc. automatically update in your contacts list.

For more information about synchronizing accounts, see *"Synchronizing Accounts"* on page 62.

1. From the main Home screen, touch **Contacts** .
2. Touch a contact name (the name you want to link to another entry). **Note**: typically this is the same contact with a different name or account information.
3. Press → **Link contact**.
4. Touch the second contact entry (the entry in which to link). The second contact is now linked with the first and the account information is merged into one screen.

Note: The information is still maintained in both entries, but displays in one record for easier viewing when you link the contacts.

5. Touch the linked contacts to view the contact information you linked. The contacts and information displays with an icon next to the contact name to indicate what type of account information is contained in the entry.

Unlinking a Contact

1. From the main Home screen, touch **Contacts** .
2. Touch a contact name (the account name from which you want to unlink an entry). **Note**: typically this is the same contact with a different name or account information.
3. Touch **<number> linked contacts** from the Linked Contacts area.
4. Touch the minus sign next to entry in which you want to unlink. The contact is now “unlinked” and no longer displays in the merged record screen.

Marking a Contact as Default

When you use messaging type applications, the application needs to know which information is primary (default) in a contact entry list. For example, you may have three different contact records for John Smith, so the application will be looking for the “default” number or entry.

1. From the main Home screen, touch **Contacts** .
2. Touch a Contact name.
3. Press → **Mark as default**. The Mark as default screen displays radio buttons next to the contact names or phone numbers of all the linked contacts. The radio button next to the default contact will be green.
4. To change the default contact, touch the radio button next to another entry that you want to be the default. The radio button will turn green, then touch **Save**.

Synchronizing Accounts

From the Accounts menu you decide if you want applications to synchronize, send, and receive data at any given time, or if you want the applications to synchronize automatically. After determining how you want the accounts to synchronize, indicate which account to synchronize with your Contacts list.

1. From the main Home screen, touch **Contacts** .
2. Press → **More** → **Accounts**. Your profile auto-generated name and number displays.
3. Determine which type of account information you want to synchronize with your Contact list. Selections are:
 - **Background data**: (applications that sync, send, and receive data any time).
 - **Auto-sync**: allows applications to automatically synchronize.
4. Touch **Add account**.
5. Touch an account type to add.
6. Follow the on-screen instructions. The selected account type synchronizes with your Contacts list.

Address Book Options

You can access Address Book options while at the main Address Book page or while in the details page for a specific entry.

Options in Address Book

1. From the main Home screen, touch **Contacts** → .
2. The following options display:
 - **Create:** allows you to create a new contact.
 - **Search**: allows you to search through your contact list. Use the keypad to enter a name or group of letters and touch .
 - **Display options**: You can choose to only display contacts that have phone numbers, numbers stored to your SIM card, or numbers stored on your phone. Touch a selection and touch **Done**.
 - **Speed dial**: allows you to set up speed-dialing. For more information, refer to *"Making a Call Using Speed Dial"* on page 37.
 - **Get friends**: allows you to get contacts from your friends on Facebook, Twitter, or MySpace. You can also get contacts from Corporate or Google accounts. Touch **Add account** and then follow the on-screen instructions. For more information, refer to *"Synchronizing Accounts"* on page 62.
 - **More**: the following additional options are displayed:
 - **Import/Export**: allows you to move contacts to or from your memory card.
 - **My profile**: allows you to set up a profile for yourself. The information will be the same that you can add for a new contact. For more information, refer to *"Adding a New Contact"* on page 56.
 - **Send email**: allows you to send an email using your Google account or send a message.

– **Send via bluetooth**: allows you send selected contact entry information to a Bluetooth device or compatible printer.

– **SIM Management**: allows you to copy contacts from your phone to your SIM card or from your SIM card to your phone.

– **Settings**: allows you to choose how the name is displayed, create or delete your own numbers, edit your service numbers, or access your AT&T Address Book

– **Accounts**: allows you to add and manage mobile accounts on Facebook, Twitter, or MySpace. You can also add Corporate or Google accounts. Touch **Add account** and then follow the on-screen instructions.

Options at Selected Contact Screen

1. From the main Home screen, touch **Contacts** .
2. Touch and hold a contact.

 – or –

 Touch a contact and at the contact's display screen, touch .
3. The following options display depending on whether your contact is saved to your phone or your SIM card:
 - **Edit**: allows you to edit the selected contact's information.
 - **Delete**: allows you to delete the contact from your Address Book.
 - **Link contact**: allows you to link contacts with other contacts (only displays when contact is saved to SIM).
 - **Mark as default**: when you have multiple contacts linked together, you can mark one of them as default (only displays when contact is saved to the phone). For more information, refer to *"Marking a Contact as Default"* on page 61.
 - **Add to favorites**: allows you to add the contact to your favorites list. This option only displays when you press and hold the contact as described in step 2.
 - **Send namecard via**: allows you to send the contact's information via Bluetooth, Gmail, or Messaging.
 - **Copy to Phone/SIM**: allows you to copy the contact to your phone or SIM card.

Groups

Creating New Group

1. From the main Home screen, touch **Contacts**  → **Groups**  →  → **Create**.
2. Touch the **Group Name** field and use the on-screen keypad to enter a new group name. For more information, refer to *"Entering Text"* on page 48.
3. Touch **Ringtone** to choose an audio file for assignment to this new group. Choose from **Default ringtone**, **Sound**, or **Phone ringtone** categories.
 - Touch a music file to play a short sample and then touch **Add** to complete the assignment.

4. Touch **Save** to store the new Group category.

Adding an Entry to a Group

1. From the main Home screen, touch **Contacts** → **Groups**.
2. Touch a group entry.
3. Touch **Add member**.
4. Touch all of the contacts you want to add to this group. A green checkmark will appear next to their name.
5. Touch **Add**.

 The contacts are now added to the group.

Removing an Entry From a Group

1. From the main Home screen, touch **Contacts** → **Groups**.
2. Touch a group entry.
3. Touch → **Remove member**.
4. Touch all of the contacts you want to remove from this group. A green checkmark will appear next to their name.
5. Touch **Remove**.

 The contacts are now removed from the group.

Editing a Caller Group

To edit a Group entry, there must be at least one member as part of the selected group.

1. From the main Home screen, touch **Contacts** → **Groups**.
2. Touch a group entry.
3. Touch → **Edit group**.
4. Make modifications to the **Group Name** or **Ringtone** fields. For more information, refer to *"Creating New Group"* on page 63.
5. Touch Save to store your changes.

History

The history option allows you to see the calls, messages, and emails that have been sent to and received from your contacts.

1. From the main Home screen, touch **Contacts** → **History**.

 A call and message history for your contacts is displayed.
2. Touch . The following options are available:
 - **Delete**: allows you to delete calls or messages from your History. Select a call or message and touch **Delete**.

- **View by**: allows you to select what type of calls, messages, or emails that are displayed. You can choose Call, Message, Email, IM, Facebook, MySpace, Twitter, or Select all. Touch the items you want to see displayed then touch **Done**.

Activities

The Activities option allows you to view updated contact information that were synchronized with Facebook, MySpace, or Twitter.

1. From the main Home screen, touch **Contacts** ➔ **Activities**.

Note: You must log in to an SNS account (Facebook, MySpace or Twitter) before you can view the Updates.

2. The updates are displayed.

Note: Activity updates will not appear unless you have synchronized your phone with your accounts. For more information, refer to *"Synchronizing Accounts"* on page 62.

Address Book Favorites

Once you have stored phone numbers in the Address Book, you can add them to your Favorites list.

Adding Favorites to your Address Book

1. From the main Home screen, touch **Contacts**.
2. Within the Contacts list, touch and hold a contact that you want to add to your favorites list.
3. Touch **Add to favorites** on the displayed list.
4. A star will appear next to the contact in the Address Book.

Removing Favorites from your Address Book

1. From the main Home screen, touch **Contacts**.
2. Within the Contacts list, touch and hold a contact that you want to add to your favorites list.
3. Touch **Remove from favorites** on the displayed list.
4. The star will no longer appear next to the contact in the Address Book.

Managing Address Book Entries

You can copy, delete, and view the memory status for the Phone and SIM entries on your phone.

Copying an Entry to the SIM Card

Note: When storing an Address Book entry into the SIM card, note that only the name, phone number, group, and slot location are initially offered as fields (some SIM cards may allow an address as well). To save additional information for a particular contact, such as other phone numbers, or e-mail, it is important to add new fields to that Contact information. It is also important to note that if you move the SIM card to another phone that does not support additional fields on the SIM card, this additional information may not be available.

1. From the main Home screen, touch **Contacts**  ➔  ➔ **More** ➔ **SIM Management**.
2. Touch **Copy Contacts to SIM**.

 The phone then displays a list of your current phone contacts.
3. Touch the contacts to place a checkmark adjacent to those entries you wish to have copied to the SIM card.
 - Repeat this step for all individual entries you wish copied to the SIM or touch **Select all** to place a checkmark alongside all entries.
4. Touch **Copy**.
5. At the **Some information might be lost. Continue?** prompt, touch **OK** to copy or **Cancel** to exit.

 The selected numbers are copied to the SIM card.

Copying an Entry to the Phone

1. From the main Home screen, touch **Contacts**  ➔  ➔ **More** ➔ **SIM Management**.
2. Touch **Copy Contacts from SIM**.

 The phone then displays a list of your current contacts stored on your SIM card.
3. Touch the contacts to place a checkmark adjacent to those entries you wish to have copied to your phone.
 - Repeat this step for all individual entries you wish copied to your phone or touch **Select all** to place a checkmark alongside all entries.
4. Touch **Copy**.

 The selected numbers are copied to your phone.

Deleting Address Book Entries

You can delete Phone or SIM entries from your phone's memory.

1. From the main Home screen, touch **Contacts** .
2. Within the Contacts list, touch and hold a contact that you want to delete.
3. Touch **Delete** on the displayed list.
4. At the **This contact will be deleted** prompt, touch **OK** to delete the contact or **Cancel** to exit.

Using the Service Dialing Numbers

You can view the list of Service Dialing Numbers (SDN) assigned by your service provider. These numbers may include emergency numbers, customer service numbers, and directory inquiries.

1. From the main Home screen, touch **Contacts**  ➔  ➔ **More** ➔ **Settings**.
2. Touch **Service Numbers**.
3. Scroll through the available numbers.
4. To dial the number displayed, touch **Call**.

Note: This menu is available only when your SIM card supports Service Dialing Numbers.

Section 6: Multimedia

This section explains how to use the multimedia features of your phone, including Media Hub, AT&T Music, Music Player, MobiTV, AT&T Radio, Mobile Video, Video Player, Gallery, Camera, and Camcorder.

Media Hub

Samsung Media Hub is your one stop for the hottest movie and TV content. With hundreds of titles available at your fingertips, entertaining yourself or your kids on the go has never been easier. You can rent or purchase your favorite content and watch from the convenience of anywhere. Featuring the stunning viewing quality Samsung is known for, Samsung Media Hub is your gateway to mobile video like you've never experienced it before.

Note: Media Hub usage is based on service availability.

Using Media Hub

1. Sign on to your Google account. For more information, refer to *"Signing into Your Gmail"* on page 95.
2. Touch → **Media Hub** .
3. At the Samsung Media Hub main page, touch **UPDATE**.
4. Read the End-User License Agreement (EULA) and touch **Accept** to continue or **Decline** to exit.

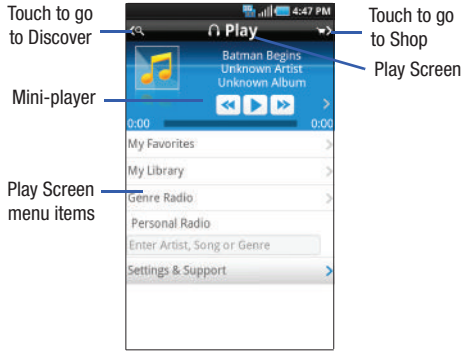
 The Media Hub screen displays.
5. In order to rent or buy media, you must first create an account. Use the keypad to enter the required information, then touch **CREATE ACCOUNT**.
6. At the Media Hub screen, the following options appear:
 - **New in store**: shows recently added media that you can rent or purchase.
 - **My Media**: allows you to view all of the media that you have purchased or rented. Touch a media entry to view it.
 - **Movie Store**: displays movies that are available for rent or purchase. Scroll through the movie categories at the top of the screen. Touch a category and then movies of that type will be displayed below. Major categories include Paramount, Action, Romance, Sci-Fi, Family, Comedy, Thriller, Sony Pictures, and Drama.
 - **TV Store**: displays TV shows that are available for purchase. Scroll through the movie categories at the top of the screen. Touch a category and then TV shows of that type will be displayed below. Major categories include Action, Drama, and Comedy.

7. Scroll through the media listings and tap on an item you would like to purchase or rent.
8. Information concerning the media displays. Touch **WATCH PREVIEW** to watch a short preview or touch **Rent** or **Own**.
9. Choose a payment method and then follow the on-screen instructions.
10. The media will now be stored in the My Media folder.

AT&T Music

AT&T Music provides you access to Streaming Music, Music Videos, Music communities, Music applications, and allows you to both identify and purchase music directly from your handset.

1. Touch → **AT&T Music** .
2. A screen displays a warning that this feature uses large amounts of data and recommends subscribing to an unlimited data plan. Touch **Continue**.
3. Touch **Let's Go!** if you want to take a quick tour of AT&T Music. Touch **Next** as each screen displays.
4. The AT&T Music Play screen displays. Touch **>** to access the Shop screen and Touch **<** to access the Discover screen. Options are listed below.



Play screen

With the mini-player always present, you can listen and access different music with one-click access to last, currently playing music, or any radio station. All available device music libraries and radio are easily available through simple touch interactions.

Play screen options:

- **My Favorites**: allows you to access shortcuts to favorite artists, albums, songs, and radio stations.
- **My Library**: allows you to Access to all music on phone. Create or manage playlists, and find music by artist, album, song, or genre.
- **Genre Radio**: allows you access pre-programmed stations ranging from today's hits to deep cuts for the music enthusiast.
- **Personal Radio**: an easy-to-use personal listening experience started by entering an artist, song, or genre. Customized to your tastes by love/ban song ratings.
- **Settings & Support**: contextual settings for AT&T Music and help and support in the **Play** section.

Discover screen

Users can search AT&T Music song catalog utilizing a variety of free form options including artist names, bands and songs. Using Song Match, the user can capture the nearly any song by holding your phone up to the music and recording a short clip. Can't remember the name of that song you heard last simply type in just a few words into Lyric Match and the song appears.

Discover screen options:

- **Song Match**: allows you to identify nearly any song by holding your phone up to the music and recording a short clip.
- **Lyrics Match**: allows you to look up songs by only entering a few words.
- **View Match History**: allows you to see all of the songs you matched via Song and Lyric Match.
- **Settings & Support**: contextual settings for AT&T Music and help and support in the **Discover** section.

Shop screen

You can easily shop the entire AT&T catalog of music simply by entering text. Dynamic presentation of featured content including top artists, new releases, top selling albums are presented inside an animated carousel that users can swipe through and access their chosen song or album with one click.

Shop screen options:

- **Top Downloads**: allows you to access the most downloaded music.
- **New Arrivals**: allows you to access new music that was not previously available.
- **Featured Artists**: allows you access music of the presently featured artists.
- **View Genres**: allows you to view the different music genres that you may select from.
- **Purchase History**: allows you to see a history of all of your purchases.
- **Settings & Support**: contextual settings for AT&T Music and help and support in the **Shop** section.

5. Make a selection and follow the on-screen instructions.

Music Player

The Music Player is an application that can play music files. The music player supports files with extensions AAC, AAC+, eAAC+, MP3, WMA, 3GP, MP4, and M4A. Launching the Music Player allows you to navigate through your music library, play songs, and create playlists (music files bigger than 300 KB are displayed).

Playing Music

1. Touch → **Music Player** .
2. Read the Music Player tips and touch **Done** when you are finished. Touch the **Do not show again** field if you don't want to see the tips again.
3. Touch a library category at the top of the screen (All, Playlists, Albums, Artists, or Genres) to view the available music files.
4. Scroll through the list of songs and touch an entry to begin playback.
5. The following Music Player controls are available:

	Pause the song.
	Start the song after being paused.
	Press and hold to rewind the song. Tap to go to previous song.
	Press and hold to fast-forward the song. Tap to go to next song.
	Volume control.
	Repeat one: repeats the currently playing song.
	Repeat all: replays the current list when the list ends.
	Play All: plays the current song list once.
	Shuffle On: the current list of songs are randomly shuffled for playback.
	Shuffle Off: songs play in order and are not shuffled.
List	Displays your list of songs.

Note: The 5.1 channel sound effect works in earphone mode only.

Music Player Options

To access additional options, follow these steps:

1. While in the Music Player, touch .
2. The follow options are available:

- **Add to quick list**: adds the current music file to the Quick list.
- **Via Bluetooth**: scans for devices and pairs with a Bluetooth headset.
- **Share music via**: allows you to share your music by using AllShare, Bluetooth, Gmail, or Messaging.
- **Add to playlist:** allows you to add the current music file to a selected playlist.
- **Settings**: allows you to change the following settings:
 - **Equalizer**: set a type of equalization. Selections are: Auto, Normal, Pop, rock, Jazz, Dance, Classic, Live, or Custom.
 - **Effect**: configure the music effects. Selections are: Normal, Wide, Concert Hall, Music clarity, Bass enhancement, or Externalization.
 - **Music menu**: this menu allows you to select which categories you want to display. Choices are: Albums, Artists, Genres, Composers, Years, Most played, Recently played, or Recently added. Touch each item that you want to display in the Music menu.
 - **Visualization**: when activated the music player displays an animated display.
- **Details**: allows you to view media info such as Artist, Title, Album, Track Length, Genre, Recording date, etc.

Music Player Settings

The Music Player Settings menu allows you to set preferences for the music player such as whether you want the music to play in the background, sound effects, and how the music menu displays.

1. From the Home screen, touch → **Music Player**.
2. Press → **Settings**.
3. Select one of the following settings:
 - **Equalizer**: set a type of equalization. Selections are: Auto, Normal, Pop, rock, Jazz, Dance, Classic, Live, or Custom.
 - **Effect**: configure the music effects. Selections are: Normal, Wide, Concert Hall, Music clarity, Bass enhancement, or Externalization.
 - **Music menu**: this menu allows you to select which categories you want to display. Choices are: Albums, Artists, Genres, Composers, Years, Most played, Recently played, or Recently added. Touch each item that you want to display in the Music menu.
 - **Visualization**: when activated the music player displays an animated display.

Using Playlists

Playlists are used to assign songs to a list of preferred media which can then be grouped into a list for later playback. These Playlists can be created via either the handset's Music Player options menu or from within a 3rd party music application (such as Windows Media Player) and then downloaded to the handset.

Creating a Playlist

1. From the Home screen, touch → **Music Player**.
2. Touch the **Playlists** tab.

3. Press → **Create**.
4. Type a name for this playlist in the field and touch **Save**.

Adding Music to a Playlist

To add files to the playlist:

1. From the Home screen, touch → **Music Player**.
2. Touch the **Playlists** tab.
3. Touch the playlist name in which to add music.
4. Touch **Add music**.
5. Touch a music file, or touch **Select all** to add all the music tracks to this playlist then touch **Add**.

Removing Music from a Playlist

To remove music files from a playlist:

1. From the Home screen, touch → **Music Player**.
2. Touch the **Playlists** tab.
3. Touch the playlist name in which to delete music.
4. Press → **Remove**.
5. Touch the checkbox to the right of each track you want to remove from this playlist, or touch **Select all** to remove all the music tracks from this playlist, then touch **Remove**.

Editing a Playlist

Besides adding and removing music files in a playlist, you can also rename the playlist.

To edit a playlist:

1. From the Home screen, touch → **Music Player**.
2. Touch **Playlists**.
3. Press → **Edit**.
4. Touch a playlist name to edit.
5. Touch the **Name** field for the selected playlist, enter a new name for the playlist then touch **Save**.

For information on downloading music for your phone, see *"Market"* on page 147.

MobiTV

MobiTV is a subscription service that allows you to watch your favorite TV shows using your handset.

1. Touch → **MobiTV**.
2. Read the notification that displays and touch **Continue** to continue or **Exit** to exit.

Note: MobiTV will use a large amount of data and you are responsible for all data charges. It is strongly recommended that you upgrade to an unlimited data plan in addition to this purchase.

3. You can watch TV in English or Spanish. Touch either **MobiTV en Español** or **MobiTV** (English).
4. Read the Terms of Service that displays and touch **Accept** to continue or **Exit** to exit.
5. At the SMS Alerts page, touch **Yes** if you want to receive text message alerts, otherwise touch **No**.
6. The MobiTV main page displays. Follow the on-screen instructions to watch TV.

AT&T Radio

With AT&T Radio, you can listen to over 400 stations anywhere you go. Get the best in radio with iheartradio including local stations from across the nation or access a limitless selection of music by creating personal radio stations. Listen to the best in music, from Hip-Hop and R&B to Rock, Pop, Latin and more, PLUS the best in talk radio such as Fox Sports, AccuWeather, ABC News, and The Onion.

1. Touch → **AT&T Radio** .
2. Read the notification that displays and touch **OK** to continue or **Close** to exit.

Note: AT&T Radio will use a large amount of data and you are responsible for all data charges. It is strongly recommended that you upgrade to an unlimited data plan in addition to this purchase.

3. At the Trial Offer screen, touch **Subscribe** for a free 10 minute trial of AT&T Radio.
4. At the AT&T Radio main screen, the following options are available:
 - **Favorite Stations**: allows you to access radio stations you have marked as Favorites.
 - **Local Radio**: allows you to select radio stations from your area based on your music preference.
 - **Personal Radio**: allows you to access Last.fm where you can set up your on personal radio stations based on your preferences.
 - **Genre Radio**: allows you access radio stations based on your music genre preferences.
 - **Talk, News, & Sports**: allows you to access Talk, News, Weather, Comedy, and Sports radio stations.
 - **Premium**: allows you to purchase premium radio station access.
 - **Recently Played**: displays a list of recently selected radio stations.

5. Make a selection and follow the on-screen instructions.
6. Touch  to select additional options.

Mobile Video

Your phone allows you to access the Internet and download media files directly to your phone. These media files are displayed using the built-in Media Player. Mobile Video is a media service which allows you to stream media content (Weather, News, Sports highlights, etc.) directly to your phone.

1. From the Home screen, touch  ➔ **Mobile Video**  to launch the default Mobile Video homepage. This homepage provides you with access to content categories and settings:
 - **Find Videos**: allows you to search for a video by subject, title, or artist. Enter a word or words in the Search bar and touch **Go**.
 - **My Favorites**: allows you to choose from recently uploaded video clips from media providers such as CNN, ESPN, HBO Mobile Preview, and NBC.
 - **Video Categories**: provides some general content categories from which to begin searching for media: Entertainment, Sports, News & Weather, Music, Kids & Cartoons & HBO Mobile.
 - **Customize Mobile Video**: allows you to access the Mobile Video Settings menu where you can configure most of the settings associated with Mobile Video.
 - **Help**: provides basic on-line assistance which answers most of the common issues users come across while using this feature.
2. Select from one of the available categories by touching an option.

Video Player

The Video Player application plays video files stored on your microSD card.

1. Touch  ➔ **Video Player** .
2. All videos that you have on your memory card will be displayed. Touch the video that you want to play.
3. The video will begin to play.
4. The following video controls are available:
 -  Pause the video.
 -  Start the video after being paused.
 -  Rewind the video.
 -  Fast-forward the video.
 -  Volume control.
 -  Full-screen view.
 -  Medium-screen view.

 Minimum-screen view.

Note: The 5.1 channel sound effect works in earphone mode only.

For more information on downloading videos for your phone, see *"Market"* on page 147.

Gallery

The Gallery is where you view photos and play back videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or contact image, and share as a picture message.

1. Touch  ➔ **Gallery** .

 All of the Albums that hold your pictures and videos will be displayed with folder name and number of files.

2. Touch an Album and thumbnails of the contents will be displayed.

Note: If your device displays that the memory is full when you access Gallery, delete some of the files by using **My Files** or other file management applications and try again. For more information, refer to *"My Files"* on page 150.

Viewing Pictures

1. Touch a thumbnail to view the picture.

Note: If no control icons are displayed on the screen in addition to the picture, tap anywhere on the screen to display them.

2. Touch **Slideshow** to see a slideshow of all the pictures in the folder.
3. Touch **Menu** for the following options:
 - **Share**: allows you to share the picture via Picasa, AllShare, Messaging, Gmail, Bluetooth, or Online Locker.
 - **Delete**: allows you to delete the picture. Touch **Confirm deletions** and the picture will be deleted.
 - **More**: displays the following additional options:
 - **Details**: provides details about the picture such as Title, Type, Date taken, name of the Album it is in, Latitude and Longitude (GPS coordinates), Size, and Resolution.
 - **Set as**: allows you to set the picture as Wallpaper or as a Contact icon.
 - **Crop**: allows you to crop the picture. Touch the orange box and move it to the desired location and touch **Save**. The area within the orange box will be the area cropped and will be saved in place of the old picture.
 - **Rotate left**: rotates the picture to the left.
 - **Rotate right**: rotates the picture to the right.

Viewing Videos

Note: If no control icons are displayed on the screen in addition to the picture, tap anywhere on the screen to display them.

1. Touch and hold a video to select it. A checkmark will appear on the thumbnail.
2. The following options are available:
 - **Share**: allows you to share the picture via YouTube, AllShare, Messaging, Gmail, Bluetooth, or Online Locker.
 - **Delete**: allows you to delete the picture. Touch **Confirm deletions** and the picture will be deleted.
 - **More**: displays the following additional options:
 - **Details**: provides details about the picture such as Title, Type, Date taken, name of the Album it is in, Latitude and Longitude (GPS coordinates), Size, and Resolution.
3. Touch a thumbnail to play the video.

 For video player controls, see *"Video Player"* on page 75.

Camera

This section explains how to use the camera on your phone. You can take photographs and shoot video by using the built-in camera functionality. Your 5 megapixel camera produces photos in JPEG format.

Important!: Do not take photos of people without their permission. Do not take photos in places where cameras are not allowed. Do not take photos in places where you may interfere with another person's privacy.

Using the Camera

Taking Photos

Taking pictures with your device's built-in camera is as simple as choosing a subject, pointing the camera, then pressing the camera key.

Note: When taking a photo in direct sunlight or in bright conditions, shadows may appear on the photo.

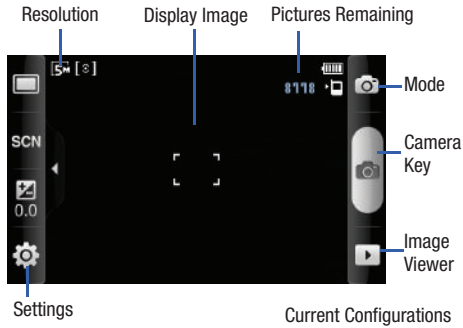
1. From the main Home screen, touch **Camera**  to activate the camera mode.

Note: The main Home screen initially contains the **Camera** icon. If you delete it, or if you want to access the camera from another Home screen, you must touch **Applications** ➔ **Camera** .

2. Using the phone's main display screen as a viewfinder, adjust the image by aiming the camera at the subject.

3. Before you take a picture, use the **Up** and **Down** Volume keys to zoom in or out. You can magnify the picture up to x4 (400 percent).
4. If desired, before taking the photo, you can touch on-screen icons to access various camera options and settings.
5. You can also touch the screen to move the focus to the area you touch.
6. Press the Camera key until the shutter sounds. (The picture is automatically stored within your designated storage location. If no microSD is installed, all pictures are stored on the Phone.) For more information, refer to *"Camera and Camcorder Options"* on page 79.

Note: The number of JPEG pictures remaining on the selected media appears in the upper-right of the screen. This is an approximate number of total pictures that can be taken at the current image size.



7. While viewing a picture, after you have taken it, touch to zoom in or to zoom out.

 – or –

 Touch each side of the picture and swipe outward or inward to zoom in or out.

 You can magnify the picture up to x4.
8. Press to return to the viewfinder.

Camera and Camcorder Options

Options are represented by icons across both sides of the screen.

Note: The options disappear after a few seconds. Touch the screen to make them reappear.



Camera / Camcorder Mode: allows you to take a photo in various modes. Once you change the mode, the corresponding indicator appears at the top left of the display. Choose from Camera or Camcorder.



Recording mode: allows you to set the recording mode to either: Normal, which is limited only by available space on the destination location, or Limit for MMS, which is limited by MMS size restrictions. Recording mode is only available in Camcorder mode.



Shooting mode: allows you to set the shooting mode. Options are:

- **Single shot**: takes a single photo and view it before returning to the shooting mode.
- **Continuous**: takes a succession of consecutive photos by pressing and holding the Camera key.
- **Panorama**: takes a landscape photo by taking an initial photo and then adding additional images to itself. The guide box lets you view the area where the second part of the panoramic picture should fall within.
- **Smile shot**: the camera focuses on the face of your subject. Once the camera detects the person's smile, it takes the picture.
- **Beauty**: adjusts the contrast to smooth facial features.
- **Vintage**: gives your photo a vintage look (hazy around the edges). Touch the icon in the lower left corner of the display screen to choose a Normal, Warm, Cool, or Mono effect.
- **Add me**: combines people with existing background. Touch the screen to pick which side of the screen to focus on. Press the camera key. Focus on a background and press the camera key a second time.
- **Action shot**: detects action and creates a panorama of the moving object.
- **Cartoon**: gives your photo a cartoon look.

SCN **Scene mode**: allows you to set the Scene to help take the best pictures possible. Options include None, Portrait, Landscape, Night, Sports, Party/Indoor, Beach/Snow, Sunset, Dawn, Fall colour, Firework, Text, Candlelight, and Backlight. Helpful tips are shown for each scene mode at the bottom of the display screen. Scene mode is only available in Camera mode.



Exposure value: allows you to adjust the brightness level by moving the slider across the page.



Settings: allows you to customize your camera and camcorder settings. Choose from the following options:

Camera and Camcorder:

- **Outdoor visibility**: allows you to take better pictures when outdoors.
- **Timer**: allows you to set a timer for how long to wait before taking a picture. Options include: Off, 2 Seconds, 5 Seconds, and 10 Seconds.
- **White balance**: allows you to set this option to one of the following choices: Auto, Daylight, Cloudy, Incandescent, or Fluorescent.
- **Effects**: allows you to change the color tone or apply special effects to the photo. Options include: Normal, Negative, Black and White, or Sepia.
- **Adjust**: allows you to adjust Contrast, Saturation, and Sharpness.



Camera:

- **Resolution**: allows you to set the image size to either: 5M (2560x1920), W4M (2560x1536), 3.2M (2048x1536), W2.4M (2048x1232), 2M (1600x1200), W1.5M (1600x960), 0.3M (640x480), or W0.4M(800x480).
- **Focus mode**: allows you to set this option to Auto focus, Macro, or Face detection. Use Macro mode to take close-up pictures. Face detection causes the camera to automatically recognize if there is a face in the shot. It then optimizes the focus and exposure the face. Use Auto focus for all others.

- **ISO**: ISO determines how sensitive the light meter is on your digital camera. Choose from Auto, 100, 200, 400, or 800. Use a lower ISO number to make your camera less sensitive to light, a higher ISO number to take photos with less light, or Auto to let the camera automatically adjust the ISO for each of your shots
- **Metering**: allows you to set how the camera measures or meters the light source: Centre-weighted, Spot, or Matrix.
- **Anti-Shake**: reduces image blur due to the movement of the subject of the photo or hand movement.
- **Auto contrast**: provides a clear image even under backlight circumstances where intensity of illumination can vary excessively.
- **Blink detection**: detects the blinking of human eyes and give you a warning.
- **Image quality**: allows you to set the image quality to: Superfine, Fine, or Normal.



Camcorder:

- **Resolution**: allows you to set the video size to either: 1280x720, 720x480, 640x480, 320x240, or 176x144.
- **Video quality**: allows you to set the video quality to: Superfine, Fine, or Normal.



Additional Camera and Camcorder Settings:

The following are additional camera and camcorder settings.

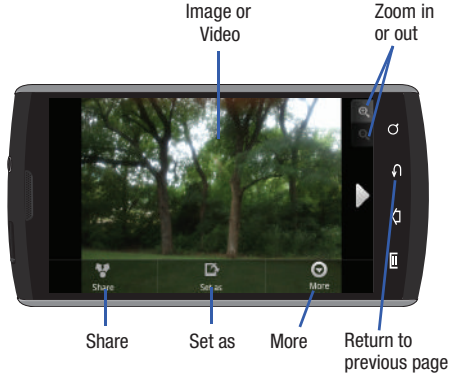
- **Guidelines**: allows you to turn the guidelines On or Off.
- **Audio recording**: allows you to record audio while recording video. Selecting Off, temporarily mutes the microphone and records only video. (Only available in Camcorder mode).
- **Review**: allows you to activate the instant review feature where images are displayed immediately after review (On or Off, or 2 seconds for Camera mode).

- **GPS**: allows you to turn GPS On or Off (also known as Geotagging). The location of where the picture is taken is attached to the picture. (Only available in Camera mode.)
- **Shutter Sound**: allows you to set the Shutter sound to 3 different shutter sounds. Or, you can turn it off. (Only available in Camera mode).
- **Storage**: allows you to configure the default storage location for images or videos as either Phone or Memory card (if inserted).
- **Reset**: allows you to reset all camera or camcorder settings.

Image viewer: allows you to access the Image viewer and the various viewing options for a selected picture or video. Image viewer options are described in the following section.

Pictures and Videos Image Viewer Options

After you take a photo or shoot a video, you can access various options from the Pictures and Videos Image Viewer.



Available options are:

- **Next Picture**: displays the next picture (only displays in camera mode).
- **Share**: offers several ways to share your picture or video. Options are: AllShare, Bluetooth, Gmail, Messaging, and Picasa.

- **Set as**: allows you to assign the current image as either your current Wallpaper or as a Contact icon to display for a specific entry within your Address Book.
- **More**: allows you to do the following:
 - **Send to Online Locker**: allows you to send your picture to Online Locker.
 - **Delete**: allows you to delete the current picture. Touch **OK** to delete or **Cancel**.
- **Return to previous page** (): takes you back to the previously active camera page where you can take another photo or shoot a new video.

Accessing Pictures

When you take a picture, the file is saved in the Camera folder. You can view your pictures immediately or view them anytime in the Camera folder.

1. From the Home screen, touch  **➔My Files**  **➔ DCIM ➔ Camera**.
2. Touch a photo file to open it in the Image viewer.

Touch and drag a picture to the left to see the next picture or to the right to see the previous picture.

Before you select a picture, touch  in the Camera folder to see the following options:

- **Share**: lets you share selected pictures with Picasa, AllShare, Messaging, Gmail, Bluetooth, or YouTube.
- **Create folder**: create a new sub-folder in the current folder. Can be on either the Phone or Memory Card.
- **Delete**: allows you to delete selected pictures. Touch the checkmark, to turn it green, next to any file or folder you want to delete, then touch Delete.
- **View by**: allows you to view the contents of the current folder as a list, as a list and details, or as thumbnails.
- **List by**: allows you to view the contents of the current folder sorted by Time, Type, Name, or Size.
- **More**: provides you with the additional options: Move, Copy, Rename, Bluetooth visibility, and Settings.
 - **Move**: allows you to move one or more pictures to a different folder.
 - **Copy**: allows you to copy one or more pictures to a different folder.
 - **Rename**: allows you to rename one or more picture files.
 - **Bluetooth visibility**: allows you to make one or more pictures visible to Bluetooth devices.
 - **Settings**: lets you set several general folder options:
 - **Show hidden files**: causes files and folders that would normally be hidden to be displayed.
 - **Show file extension**: causes file extensions to be displayed. For example, jpg.
 - **Set home directory**: allows you to choose and set the Home directory.

- **Delete licenses**: allows you to delete licenses for all files in the folder.

Selecting and Using the Pictures

From the Image viewer, you have access to both macro functions (zoom, crop, and rotate) and menu options. For more information, refer to *"Pictures and Videos Image Viewer Options"* on page 82.

Editing a Photo

1. From the Home screen, touch  ➔ **My Files**  ➔ **DCIM ➔ Camera ➔ <image>**.
2. Touch **Menu ➔ More** to access the following editing options:
 - **Crop**: allows you to crop the image. Touch and drag the sides of the crop box to create the crop area, then touch **Save**. Touch **Discard** to stop without cropping the picture.
 - **Rotate left**: allows you to rotate the picture counterclockwise 90 degrees.
 - **Rotate right**: allows you to rotate the picture clockwise 90 degrees.

Assigning an Image to an Address Book Entry

1. From the Home screen, touch  ➔ **My Files**  ➔ **DCIM ➔ Camera ➔ <image>**.
2. Touch **Menu ➔ More ➔ Set as ➔ Contact icon**. Touch a contact entry and touch Save.

 – or –

 Touch **Menu ➔ More ➔ Set as ➔ Contact icon ➔ Create contact** to create a new Address Book entry with the image already assigned. For more information, refer to *"Contacts and Your Address Book"* on page 55.

Assigning an Image as a Wallpaper

1. From the Home screen, touch  ➔ **My Files**  ➔ **DCIM ➔ Camera ➔ <image>**.
2. Touch **Menu ➔ More ➔ Set as ➔ Wallpaper**.
3. Touch and drag the crop box anywhere on the picture. Touch and drag the sides of the crop box to zoom in or out to create a cropped area.
4. Touch **Save** to assign the wallpaper image. Touch **Discard** to stop without updating the wallpaper image.

Using the Camcorder

In addition to taking photos, the camera also doubles as a camcorder that also allows you to record, view, and send videos.

Note: The camera may not be able to properly record videos to a memory card with a slow transfer speed.

Shooting Video

Tip: When shooting video in direct sunlight or in bright conditions, it is recommended that you provide your subject with sufficient light by having the light source behind you.

1. From the main Home screen, touch **Camera** to activate the camera mode.
2. Touch the Camera mode icon () to switch to Camcorder mode ().
3. Using the phone's main display screen as a viewfinder, adjust the image by aiming the camcorder at the subject.
4. Press the Video key () to begin shooting video.
5. Touch to pause the recording or touch to stop the recording and save the video file to your Camera folder.
6. Once the file has been saved, touch to play your video for review.
7. Press to return to the viewer.

Camcorder Options

Camcorder options are represented by icons across both sides of the screen.

For more information, refer to *"Camera and Camcorder Options"* on page 79.

Camcorder Options after a Video is Taken

After you shoot a video, you can access various options from the Pictures and Videos Image Viewer

▶ The following options are available:

- **Share**: offers several ways to share your video. Options are: AllShare, Bluetooth, Gmail, Messaging, and YouTube.
- **Play**: allows you to play the video.
- **Delete**: allows you to delete the current video. Touch **OK** to delete or **Cancel**.

Accessing Videos

When you shoot a video, the file is saved in the Camera folder. You can view your videos immediately or view them anytime in the Camera folder.

1. From the Home screen, touch → **My Files** → **DCIM** → **Camera**.
2. Touch a video file to open it in the viewer and initiate playback.
3. To pause the video, touch . To play the video, touch .

Before you select a video to play, touch in the Camera folder to see the following options:

- **Share**: lets you share the selected videos with Picasa, AllShare, Messaging, Gmail, Bluetooth, or YouTube.
- **Create folder**: create a new sub-folder in the current folder. Can be on either the Phone or Memory Card.
- **Delete**: allows you to delete selected videos. Touch the checkmark, to turn it green, next to any file or folder you want to delete, then touch Delete.
- **View by**: allows you to view the contents of the current folder as a list, as a list and details, or as thumbnails.
- **List by**: allows you to view the contents of the current folder sorted by Time, Type, Name, or Size.
- **More**: provides you with the additional options: Move, Copy, Rename, Bluetooth visibility, and Settings.
 - **Move**: allows you to move one or more videos to a different folder.
 - **Copy**: allows you to copy one or more videos to a different folder.
 - **Rename**: allows you to rename one or more video files.
 - **Bluetooth visibility**: allows you to make one or more videos visible to Bluetooth devices.
 - **Settings**: lets you set several general folder options:
 - **Show hidden files**: causes files and folders that would normally be hidden to be displayed.
 - **Show file extension**: causes file extensions to be displayed. For example, 3gp.
 - **Set Home Directory**: allows you to choose and set the Home directory.
 - **Delete licenses**: allows you to delete licenses for all files in the folder.

Once you have selected a video to play, touch to display the following options:

- **Share video**: to share the current video by way of YouTube, AllShare, Messaging, Gmail, Bluetooth, or Online Locker.
- **Details**: displays file information such as file name, format, resolution, and file size.
- **Add bookmark**: adds this video to the Bookmarks list.
- **Bookmarks**: display Bookmarks. To remove Bookmarks touch **Remove**, touch each Bookmark you want to remove, and touch **Done**.
- **Via Bluetooth**: scans for a Bluetooth device on which to play the video.

While viewing a video, you can also adjust the display mode. Display mode allows you to select Original Size, Full-Screen, or Full-Screen in Ratio to view your video.

- **Original Size**: the Original Size icon () displays when the video is being played in its original size.
- **Full-Screen View**: the entire screen is used, which may cause some minor distortion. Touch the Full-Screen View icon () to return to the original size.

- **Full-Screen in Ratio View**: the video is enlarged as much as possible without becoming distorted. Touch the Full-Screen in Ratio View icon () to return to the original size.
- **Pause/Resume**: touch to pause the video being played. Touch  to resume playing.
- **Previous/Next**: touch to jump to the previously played video or touch  to jump to the next video file in the Camera folder.
- **Exit**: touch  to go back to the videos list.

Section 7: Messaging

This section describes how to send and receive different types of messages. It also includes the features and functionality associated with messaging.

Types of Messages

Your phone provides the following message types:

- Text Messages
- Multimedia (Picture, Video, and Audio) Messages
- IM Messages
- Email and Gmail Messages
- Google Talk

The Short Message Service (SMS) lets you send and receive text messages to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's message service.

The Multimedia Messaging Service (MMS) lets you send and receive multimedia messages (such as picture, video, and audio messages) to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's multimedia message service.

Important!: When creating a message, adding an image, a sound file, or a video clip to a text message changes the message from a text message to a multimedia message.

Messaging icons are displayed at the top of the screen and indicate when messages are received and their type. For more information, refer to *"Indicator Icons"* on page 14.

Creating and Sending Messages

1. From the main Home screen, touch **Messaging** → **New message**.

Note: The main Home screen initially contains the **Messaging** icon. If you delete it, or if you want to access Messaging from another Home screen, you must touch **Applications** → **Messaging**.

2. Tap on the **To** field to manually enter a recipient or tap on one of the following buttons:
 - **Recent**: to select a recipient from a list of recently sent messages.
 - **Contacts**: to select a recipient from your Contacts list (valid entries must have a wireless phone number or email address).
 - **Group**: to select a recipient from the Group list.

3. If adding a recipient from Recent, Contacts, or Group, tap the contact to place a checkmark then tap **Select**.

 The contact will be placed in the recipient field.

Note: For the Group option, if the number of recipients is less than 10, all members in the group will be added. You will need to delete any unnecessary members in the list by selecting the trash can icon and deleting unwanted entries.

Note: Enter additional recipients by separating each entry with a semicolon (;) then using the previous procedure.

4. Touch the **Type to compose** field and use the on-screen keypad to enter a message. For more information, refer to *"Entering Text"* on page 48.
5. Add more recipients by touching the recipient field.
6. Review your message and touch Send.

Note: If you exit a message before you send it, it will be automatically saved as a draft.

Message Options

Options before composing a message

1. From the main Home screen, touch **Messaging**.
2. Before composing a message, touch to reveal additional messaging options.
 - **Compose**: allows you to compose a new message.
 - **Delete thread**: allows you to delete an message thread. Select the messages to delete and a green checkmark will appear next to the message. Touch **Delete**.
 - **Search**: allows you to search through all of your messages for a certain word or string of words. Enter a search string in the Messaging Search window and touch .
 - **Settings**: allows you to access Messaging settings. For more information, refer to *"Messaging Settings"* on page 93.

Options while composing a message

1. While composing a message, touch to reveal additional messaging options.
 - **Add/Remove subject**: inserts or deletes a Subject field in your message.
 - **Add/Remove Cc/Bcc**: allows you to copy or blind copy other numbers. You may manually enter a number or choose from Recent, Contacts, or Group. You may also delete existing Cc/Bcc numbers.

- **Attach**: allows you to attach the following:
 - **Slideshow**: allows you to create up to a 10 page slideshow to attach to the message.
 - **Pictures**: allows you to tap an existing image from your Pictures list to add it to your message.
 - **Videos**: allows you to choose an existing video from the Videos list, then add it to your message.
 - **Audio**: allows you to choose an existing audio file from the Audio list, then add it to your message by touching the circle to the right of the audio so that it turns green, then touching **OK**.
 - **Capture picture**: allows you to temporarily exit the message, take a photo with phone's camera, and then add it to your message by touching **Save**.
 - **Capture video**: allows you to temporarily exit the message, record a video clip using the phone's camera, and then add it to your message by touching **Save**.
 - **Record audio**: allows you to temporarily exit the message, record an audio clip using the phone's microphone, and then add it to your message by touching **Options** ➔ **Add**.
 - **Contacts**: allows you to tap on an existing Address Book entry, then add it to your message by touching **Select**.
 - **Calendar**: allows you to tap on an existing Calendar event, then add it to your message by touching **Add**.
 - **Memo**: allows you to tap on an existing Memo, then add it to your message by touching **Add**.
- **Add text**: allows you to copy text from your contacts, calendar, or from a memo to add to your message. This is a convenient feature for adding names, phone numbers, events, etc. to your message. For more information, refer to *"Adding Additional Text"* on page 90.
- **Insert smiley**: allows you to add emoticons, such as a happy face to your message.
- **Discard**: allows you to delete the message without saving it to your Drafts folder.

Adding Additional Text

You can copy text such as names, phone numbers, and events from your Contacts, Calendar or a Memo.

1. Touch [Menu] ➔ **Add text**.
2. At the Add text screen, select one of the following:
 - **Contacts**: allows you to add the name and phone number of any of your contacts to your message.
 - **Calendar**: allows you to add the name, date, and time of a calendar event to your message.
 - **Memo**: allows you to add an entire memo to your message.
3. Touch the information you want to send. This will place a checkmark next to the item.

4. Touch **Add** if adding text from **Contacts** or **Calendar** and touch Attach if adding **Memo** to your message.
 The text is added to your message.

Attaching a Namecard to a Message

To attach a Namecard containing the name and number of another contact, follow these steps:

1. Touch → **Attach**.
2. Touch **Contacts**.
3. Select a contact or contacts that you want to attach a namecard for. This will place a checkmark next to the contact.
4. Touch **Select**.
5. A namecard will be added to your message for each contact selected.

Viewing New Received Messages

1. When you receive a new message, the new message icon will appear at the top of your screen.
2. Open the Notification Bar and select the message. For more information, refer to *"Notification Bar"* on page 33.
 – or –
 From the main Home screen, touch **Messaging** then touch the new message to view it.
 The selected message appears in the display.
3. To play a multimedia message, touch .
 - To pause playback of the multimedia message, touch .
 - To stop playback of the multimedia message, touch **Stop**.
4. To scroll through the message (if additional text pages have been added), touch the screen and in a single motion, scroll up or down the page.

Message Threads

Sent and received text and picture messages are grouped into message threads. Threaded messages allow you to see all the messages exchanged (similar to a chat program) and displays a contact on the screen. Message threads are listed in the order in which they were received, with the latest message displayed at the top.

To open a threaded message follow these steps:

1. From the main Home screen, touch **Messaging** .

 Touch the message thread you want to view.

2. Touch and hold the message thread to display the following options:
 - **View contact**: displays the contact's information. This option only displays if the sender is in your Contacts list.
 - **Add to Contacts**: displays the Contacts information screen. This option only displays if the sender is not in your Contacts list.
 - **Delete thread**: displays a confirmation dialog box that when pressed, deletes the entire thread.

Deleting Messages

Deleting a single message

1. From the main Home screen, touch **Messaging** .
2. Touch and hold a message, then touch **Delete thread**.
3. At the **Delete?** prompt, touch **Yes** to delete or **No** to cancel.

Deleting multiple messages

1. From the main Home screen, touch **Messaging** .
2. Touch → **Delete Thread**.
3. Touch each message you want to delete. A checkmark will appear beside each message you select.
4. Touch **Delete**.
5. At the **Delete?** prompt, touch **Yes** to delete or **No** to cancel.

Message Search

You can search through your messages by using the Message Search feature.

1. From the main Home screen, touch **Messaging** .
2. Touch → **Search**.
3. Use the on-screen keypad to enter a word or phrase to search for, then touch .

4. All messages that contain the search string you entered are displayed.

Messaging Settings

To configure the settings for text messages, multimedia messages, Voice mails, and Push messages.

1. From the main Home screen, touch **Messaging** ➔  ➔ **Settings**.
2. The following Messaging settings are available:
 - **Delete old messages**: deletes old messages when the limit is reached, rather than having them overwritten.
 - **Text message limit**: allows you to set a limit on how many text messages can be in one conversation.
 - **Multimedia message limit**: allows you to set a limit on how many multimedia messages can be in one conversation.
 - **Manage SIM card messages**: allows you to manage the messages that you have stored on your SIM card.
 - **Message center**: allows you to enter the number of your message center where your messages reside while the system is attempting to deliver them.
 - **Input mode**: allows you to set the input mode for your text messages. Choose between GSM Alphabet, Unicode, or Automatic.
 - **Delivery reports**: when this option is activated, the network informs you whether or not your message was delivered.
 - **Read reports**: when this option is activated, your phone receives a request for a read reply along with your message to the recipient.
 - **Auto-retrieve**: allows the message system to retrieve messages automatically.
 - **Roaming auto-retrieve**: allows the message system to retrieve messages automatically while you are roaming.
 - **Creation mode**: allows you to select the creation mode, Free, Restricted, or Warning.
 - **Restricted**: you can only create and submit messages with content belonging to the Core MM Content Domain.
 - **Warning**: the phone will warn you via pop up messages that you are creating a multimedia message which does not fit the Core MM Content Domain.
 - **Free**: you may add any content to the message.
 - **CB activation**: allows you to receive Cell Broadcast (CB) messages.
 - **Channel configuration**: allows you to set up the channel that you will receive CB messages on.
 - **Language**: allows you to select all of the languages that you want to receive CB messages in.
 - **Notifications**: allows you to see message notifications on your status bar.
 - **Select ringtone**: allows you to set the ringtone for your message notifications.
 - **Vibrate**: allows you to set your phone to vibrate when there is a message notification

Using Email

Email enables you to review and create email using AIM®, AOL®, Yahoo!® Mail, Comcast, Compuserve, Earthlink, Gmail, HotPOP, Juno, Mac, NetZero, SBC Yahoo!, Verizon and several other email services. You can also receive text message alerts when you receive an important email.

Signing into Your Email

1. From the Home screen, touch **Email** .

 Your accounts screen displays with an Email setup screen displayed.

2. Enter you email address in the **Email address** field.
3. Enter your password in the **Password** field, press **Next** then press **OK**.
4. Touch **Next** at the **Your accounts** screen.
5. Touch **Exchange email** or **Other email**.
6. Touch **Next** several times to go through the ActiveSync tutorial.
7. Input your **Server URL** and **Domain** information.
8. Select a security type from the **Security type** drop-down list.
9. Press **Next**.

Important!: Only some "Plus" accounts include POP access allowing this program to connect. If you are not able to sign in with your correct email address and password, you may not have a paid "Plus" account. Launch the Web browser to access your account.

Synchronizing a Corporate Email Account

Use the following procedure to configure your phone to synchronize with a corporate email account.

1. From the Home screen, touch **Email** .

 Your accounts screen displays with an Email setup screen displayed.

2. Press **Next**.
3. From the Set up email screen, touch the **Exchange email** field and enter your corporate email address.
4. Touch the **Password** field and enter your password.

Important!: Only some “Plus” accounts include POP access allowing this program to connect. If you are not able to sign in with your correct email address and password, you may not have a paid “Plus” account. Launch the Web browser to access your account.

5. Touch **Skip** to manually set up the account, or touch **Next** to read the tutorial.
6. Enter all the Exchange server information, Username and Password, then touch **Next**.
7. At the Certificate prompt touch **Yes**.
8. Enter your Account name.
 Wait for the Inbox to synchronize before use.
9. Touch → **Advanced Settings** to change the synchronization timing, frequency, and other options.

Using Gmail

Gmail is Google’s web-based email. When you first setup the phone, Gmail is configured. Depending on the synchronization settings, Gmail is automatically synchronized with your Gmail account.

Signing into Your Gmail

1. From the Home screen, touch → **Gmail**.

Note: You must sign in to your Gmail account in order to access Gmail.

2. Sign in if you have a Google account, or touch **Create an account** and touch **OK**.
 The Inbox loads conversations and email.

Refreshing Gmail

- Touch → **Refresh** to send and receive new emails and synchronize your email with the Gmail account.

Creating a Gmail Message

1. From the Gmail Inbox, touch → **Compose**.
2. Enter the recipients Email address in the **To** field.
 Separate multiple recipient email addresses with a comma.
3. Touch and select **Add Cc/Bcc** to add a carbon or blind copy.
4. Enter the subject of this message in the **Subject** field.

5. Touch the **Compose Mail** field and begin composing your message.
6. Touch **Send** when you are done.

Viewing an Gmail Message

1. From the Gmail Inbox, touch a message to view it.
2. the following options are available:
 - **Archive**: archives the selected Email.
 - **Delete**: deletes the Email.
 - **Older**: displays older Emails.
3. Touch  to select one of the following additional options:
 - **Newer**: displays newer emails.
 - **Add/Remove star**: click a message's star to add or remove the star (just like clicking flags in Outlook).
 - **Mark unread**: Unread messages or threads with unread messages display in boldface text in the Inbox.
 - **Change labels**: changes the label on the email or conversation.
 - **Back to Inbox**: returns you to your Gmail Inbox.
 - **More**:
 - **Mute**: mutes the conversation.
 - **Report spam**: reports the Email message as spam.

Using Instant Messaging (IM)

Instant Messaging allows you to send and receive instant messages using AIM, Windows Live, and Yahoo!® communities.

Note: Before using this feature, you need to subscribe to a messaging service. For further details, contact your service provider.

Signing into Your IM Account

Although each account type differs, the initial sign in procedure is common to all supported IM clients. Before beginning the sign in procedure, you must complete the previous procedures for selecting your default IM Community to which you are subscribed.

1. From the Home screen, touch  → **Instant Messaging**.
2. Touch an IM client of your choice (AIM, Windows Live Messenger, or Yahoo! Messenger). A checkmark will appear by your selection. You may select more than one.

Note: If you select more than one IM client, the IM screen will appear with a tab for each IM client that you selected. You can then change IM clients by touching the tabs.

3. Touch the available fields to enter your information such as Screen Name, Email Address, or Yahoo! ID, and Password. Select any additional fields.
4. Touch **Sign In** to continue.

After selecting an Instant Messaging service and signing in, you can choose from the following options:

- **Refresh Contact List**: updates and displays the IM contact information.
- **Add Contact**: allows you to add an IM contact to the list.
- **More**:
 - **Settings**: allows you to change your Community settings.
 - **Send IM to**: allows you to send an IM to a selected contact.
 - **Saved Conversations**: shows permanent records of your Instant Messaging conversations.
 - **Minimize**: minimizes the IM window.
 - **Sign Out**: allows you to log off or disconnect from this IM session.

Google Talk

Google Talk is a free Windows and web-based application for instant messaging offered by Google. Conversation logs are automatically saved to a Chats area in your Gmail account. This allows you to search a chat log and store them in your Gmail accounts.

1. From the Home screen, touch → **Talk** .
2. Press **Next** to set up a Google account or to Sign in.
3. Touch **Create** to create a new Google account.

 – or –

 Touch **Sign in** if you have an existing Google account.
4. After entering your user name and password, press the **Down** Navigation key.
5. Touch **Sign in**.
6. Begin using Google Talk.

Note: The Network confirms your login and processes. This could take up to 5 minutes to complete.

Section 8: Changing Your Settings

This section explains the sound and phone settings for your phone. It includes such settings as: display, security, memory, and any extra settings associated with your phone.

Wireless and Network

Flight mode

Flight mode allows you to use many of your phone's features, such as Camera, Games, and more, when you are in an airplane or in any other area where making or receiving calls or data is prohibited.

Important!: When your phone is in Airplane Mode, it cannot send or receive any calls or access online information or applications.

1. From the Home screen, touch  **→ Settings → Wireless and network**.
2. Touch **Flight mode**. A check mark displayed next to the feature indicates Flight mode is active.

Activating Wi-Fi

1. From the Home screen, touch  **→ Settings → Wireless and network → Wi-Fi settings**.
2. Touch **Wi-Fi**. A check mark displayed indicates Wi-Fi is active.

For more information, refer to *"Wi-Fi"* on page 127.

Network Notification

By default, when Wi-Fi is on, you receive notifications in the Status bar anytime your phone detects an available Wi-Fi network. You can deactivate this feature if you do not want to receive notifications.

1. From the Home screen, touch  **→ Settings → Wireless and network → Wi-Fi settings**.
2. Touch **Network notification**. A check mark displayed next to the feature indicates Network notification is active.
3. Touch **Network notification** again to remove the checkmark and deactivate this feature.

WPS Button Connection

The WPS (Wi-Fi Protected Setup) button is a standard for easy and secure wireless network set up and connections. To use WPS, the connecting device must support WPS and be compatible with Wi-Fi Protected Access (WPA) security. WPS can automatically set up a random network name and WPA wireless security for wireless Wi-Fi phones, routers, access points, computers, adapters, and other electronic devices.

WPS allows you to push buttons instead of entering a network name and wireless security PIN.

1. From the Home screen, touch → **Settings** → **Wireless and network** → **Wi-Fi settings**.
2. Touch **WPS button connection**.
3. Press the WPS button on your Wi-Fi access point within 2 minutes.

Bluetooth settings

In this menu you can activate Bluetooth, view or assign a device name, activate your phone so other Bluetooth devices can discover it, or scan for other, available Bluetooth devices with which to pair.

Activating Bluetooth

- From the Home screen, touch → **Settings** → **Wireless and network** → **Bluetooth settings** and tap **Bluetooth** to turn it on.

Note: Bluetooth must be enabled prior to use.

Device Name

1. Activate Bluetooth. For more information, refer to *"Turning Bluetooth On and Off"* on page 130.
2. From the Home screen, touch → **Settings** → **Wireless and network** → **Bluetooth settings** and touch **Device name**. The assigned device name displays.
3. Press to erase the current device name and enter a new name for this device using the keyboard.
4. Press **OK** to confirm your setting.

Discoverable

- From the Home screen, touch → **Settings** → **Wireless and network** → **Bluetooth settings** and touch **Visible**. The phone is now activated for discovery for 119 seconds so you can pair with another device. After 119 seconds the

phone becomes undiscoverable again.

Scan Devices

This option allows you to scan for active Bluetooth devices so you can pair with them.

1. From the Home screen, touch → **Settings** → **Wireless and network** → **Bluetooth settings** and touch **Scan devices**. Your phone begins scanning and lists any discovered devices in the Bluetooth devices section.
2. Touch a device name to pair with the device.

Important!: Some Bluetooth devices are secured and require a PIN number to confirm and pair with them.

3. Enter a PIN to pair with the device, if one is required, and touch **OK**.

VPN settings

The VPN settings menu allows you to set up and manage Virtual Private Networks (VPNs).

Important!: Before you can use a VPN you must establish and configure one.

Adding a VPN

Before you add a VPN you must determine which VPN protocol to use: PPTP (Point-to-Point Tunneling Protocol), L2TP (Layer 2 Tunneling Protocol), L2TP/IPSec PSK (Pre-shared key based L2TP/IPSec), or L2TP/IPSec CRT (Certificate based L2TP/IPSec).

1. From the Home screen, touch → **Settings** → **Wireless and network** → **VPN settings**
2. Touch **Add VPN**.

To establish a PPTP (Point-to-Point Tunneling Protocol):

1. Establish a **VPN name** (a name for this connection).
2. **Set the VPN server**.
3. **Enable Encryption** (if desired).
4. Set the **DNS search domains**.

To establish a L2TP (Layer 2 Tunneling Protocol):

1. Establish a **VPN name** (a name for this connection).
2. **Set VPN server**.
3. **Enable L2TP secret**.
4. **Set L2TP secret**.
5. Set the **DNS search domains**.

To establish a L2TP/IPSec PSK (Pre-shared key based L2TP/IPSec):

1. Establish a **VPN name** (a name for this connection).
2. **Set VPN server**.
3. **Set IPSec pre-shared key.**
4. **Enable L2TP secret.**
5. **Set L2TP secret.**
6. Set the **DNS search domains**.

To establish a L2TP/IPSec CRT (Certificate based L2TP/IPSec):

1. Establish a **VPN name** (a name for this connection).
2. **Set VPN server**.
3. **Enable L2TP secret.**
4. **Set L2TP secret.**
5. **Set user certificate**. A user certificate must be installed to use this setting.
6. **Set CA certificate**. A CA certificate must be installed to use this setting.
7. Set the **DNS search domains**.

Mobile networks

Before you use applications such as Google Maps and find your location or search for places of interest, you must enable the Mobile networks options.

- From the Home screen, touch → **Settings** → **Wireless and network** → **Mobile networks**.

The following options display:

Data Roaming

Data roaming allows you to connect to your service provider's partner networks and access data services when you are out of your service providers area of coverage.

1. From the Home screen, touch → **Settings** → **Wireless and network** → **Mobile networks**.
2. Touch **Data roaming**.

Access Point Names

To use Wi-Fi you need access to a wireless access point (hotspot).

- From the Home screen, touch → **Settings** → **Wireless and network** → **Mobile networks** → **Access Point Names**.

 A list of the Access Point names display. The active access point displays a green, filled circle to the right of the name.

Network Operators

Using this feature you can view the current network connection. You can also scan and select a network operator manually, or set the network selection to Automatic.

1. From the Home screen, touch  ➔ **Settings** ➔ **Wireless and network** ➔ **Mobile networks**.
2. Touch **Network operators**.

 The current network connection displays at the bottom of the list.

Important!: You must deactivate data service prior to searching for an available network.

3. Touch **Search networks** to manually search for a network.
4. Touch **Select automatically** to automatically select a network connection.

Note: Connecting to 2G networks slows the data transfer speed and time.

Default setup options

Your phone default is set to Automatic (to automatically search for an available network. You can set this option to Manual to select a network each time you connect.

1. From the Home screen, touch  ➔ **Settings** ➔ **Wireless and network** ➔ **Mobile networks**.
2. Touch **Network operators**.
3. Touch **Default setup**.
4. Touch **Manual** to locate and connect to a network manually, or touch **Automatic** to allow the device to automatically select a network.

Call Settings

To access the Call settings menu:

▶ From the Home screen, touch  ➔ **Settings** ➔ **Call settings**.

All calls

Configure the general call settings using this option.

1. From the Home screen, touch  ➔ **Settings** ➔ **Call settings** ➔ **All calls**.
2. Touch one of the following options:
 - **Show my number**: allows you to select how your ID is handled when an outgoing call is initiated.
 - **Auto reject**: sets the phone to automatically reject incoming calls.

- **Answering call**: selects how your phone answers incoming calls. Enable Answering mode, then select one of the following methods for answering the phone:
 - **Answering key** allows you to press a key to answer the phone.
 - **Automatic answering** automatically answers after a period of time. Selections are: Off, After 1 second, After 2 seconds, After 3 seconds, After 4 seconds, or After 5seconds. This option is used when using a Bluetooth headset.
- **Prefix dialing**: when activated, this feature automatically prepends a string of numbers (such as an area code) to any dialed number. This feature is useful for international dialing, or dialing within an area code where all the calls you make for a period of time use one prefix. For more information, refer to *"Prefix Dialling"* on page 39.
- **Reject call with message**: allows you to send a message immediately after rejecting a call.
- **Call status tones**: sets a tone to play for the following status tones: Call connect tone or Minute minder. Touch each type of status tone you want to play.
- **Alerts on call**: activates an alert tone for new messages being received during an active call.

Voice call

To configure voice calls:

1. From the Home screen, touch → **Settings** → **Call settings** → **Voice call**.
2. Touch one of the following options:
 - **Call forwarding**: incoming calls are re-routed to a secondary number that you specify.
 - **Call barring**: restricts specific types of incoming and outgoing calls on your phone.
 - **Call waiting**: this network service informs you when someone is trying to reach you during another call. Specify individual call waiting options for voice calls.
 - **Auto redial**: automatically redials the last number if the call was either cut off or was unable to connect.
 - **Noise suppression**: Your phone is equipped with an advanced voice processing chip that delivers clear mobile calls by suppressing background noise, intermittent sounds (like a siren or nearby conversation), and echoes, allowing you to hear and be heard nearly anywhere. Touch **Noise suppression** to activate.

Fixed Dialing Numbers

Fixed Dial Number (FDN), allows you to restrict outgoing calls to a limited set of phone numbers.

Enabling FDN

1. From the Home screen, touch  ➔ **Settings** ➔ **Call settings** ➔ **Fixed Dialing Numbers**.
2. Touch **Enable FDN**.
3. At the prompt, enter your PIN2 code and touch **OK**.

 FDN is enabled.
4. To enable FDN after it has been disabled, touch **Disable FDN**, enter your PIN2 code and touch **OK**.

Important!: Not all SIM cards use a PIN2 code. If your SIM card does not, this menu does not display.

The PIN2 code is provided by your carrier. Entering an incorrect PIN2 code could cause the phone to lock. Contact customer service for assistance.

Changing the PIN2 Code

1. From the Home screen, touch  ➔ **Settings** ➔ **Call settings** ➔ **Fixed Dialing Numbers**.
2. Touch **Change PIN2**.
3. At the prompt, enter your old PIN2 code.
4. At the prompt, enter a new PIN2 code.
5. Confirm your PIN2 code.

Managing the FDN List

When this feature is enabled, you can make calls only to phone numbers stored in the FDN list on the SIM card.

Note: Before you can manage an FDN list a list must be created.

1. From the Home screen, touch  ➔ **Settings** ➔ **Call settings** ➔ **Fixed Dialing Numbers**.
2. Touch **FDN list**.
3. A list of all existing FDN numbers will be displayed.

Voicemail

You can view or modify your voicemail number from this menu.

1. From the Home screen, touch  ➔ **Settings** ➔ **Call settings** ➔ **Voicemail**.
2. Touch the **Voicemail number** field, backspace to erase the digits, and enter a new voicemail number using the keypad, then touch **OK**.
3. Touch **OK**.

Mode TTY

This menu is used to activate or deactivate Hearing Aid Compatibility for this device.

1. From the Home screen, touch  ➔ **Settings** ➔ **Call settings** ➔ **Mode TTY**.
2. A green checkmark will appear. Touch **Mode TTY** again to turn it off.

Sound and Display

From this menu you can control the sounds on the phone as well as configure the display settings.

▶ From the Home screen, touch  ➔ **Settings** ➔ **Sound and display**.

The following options display:

Silent mode

Silent mode is convenient when you wish to stop the phone from making noise, in a theater for example. In Silent Mode the speaker is muted and the phone only vibrates to notify you of incoming calls, or other functions that normally have a defined tone or sound as an alert.

1. From the Home screen, touch  ➔ **Settings** ➔ **Sound and display**.
2. Touch **Silent mode**.

 – or –
3. From the Home screen, press the **Lock** key until **Phone options** displays.
4. Touch **Silent mode** to activate or deactivate this mode (the current mode displays).

Ringer volume

There are multiple ways to adjust the ringer volume.

1. From the Home screen, press the **Down** Volume key.

 – or –
2. From the Home screen, touch  ➔ **Settings** ➔ **Sound and display**.
3. Touch **Ringer volume**.
4. Touch and drag the slider to adjust the sound for the **Incoming call volume** and touch **OK**.
5. Touch and drag the slider to adjust the sound for the **Notification volume** and touch **OK**.

Media volume

This sets the volume levels for playing music and videos.

1. From the Home screen, touch  ➔ **Settings** ➔ **Sound and display**.
2. Touch **Media volume**.
3. Touch and drag the slider to adjust the sound for the **Media volume** and touch **OK**.

System volume

This sets the volume levels for feedback and also controls sound when you power the phone on or off.

1. From the Home screen, touch  ➔ **Settings** ➔ **Sound and display**.
2. Touch **System volume**.
3. Touch and drag the slider to adjust the sound for the **System volume** and touch **OK**.

Voice call ringtone

1. From the Home screen, touch  ➔ **Settings** ➔ **Sound and display**.
2. Touch **Voice call ringtone**.
3. Touch a ringtone and touch **OK**.

Phone vibrate

1. From the Home screen, touch  ➔ **Settings** ➔ **Sound and display**.
2. Touch **Phone vibrate** to activate vibration mode. A check mark displayed next to the feature indicates phone vibration is active.

Notification ringtone

1. From the Home screen, touch  ➔ **Settings** ➔ **Sound and display** ➔ **Notification ringtone**.
2. Touch one of the ringtones and touch **OK**.

Audible Tone Settings

The Audible touch tones and Audible selection options are used when you use the dialing pad or making a screen selection. Each time you press a key or make a selection the selected tone sounds.

1. From the Home screen, touch  ➔ **Settings** ➔ **Sound and display**.

2. Touch **Audible touch tones** or **Audible selection**. A check mark displayed next to these features indicates active status.

Haptic feedback and Vibration intensity

Instead of sounding a tone, the Haptic feedback option vibrates when you press soft keys on certain screens. You can also set the intensity of the vibration using the Vibration intensity setting.

1. From the Home screen, touch  ➔ **Settings** ➔ **Sound and display**.
2. Touch **Haptic feedback**. A check mark displayed next to the feature indicates Haptic feedback is active.
3. Touch **Vibration intensity** then touch and drag the slider to adjust the vibration intensity, then touch **OK**.

SD card notification

This option plays a sound when you receive memory card (SD) notifications.

1. From the Home screen, touch  ➔ **Settings** ➔ **Sound and display**.
2. Touch **SD card notifications**. A check mark displayed next to the feature indicates SD card notifications is active.

Display Settings

In this menu, you can change various settings for the display such as the font, orientation, pop-up notifications, puzzle lock feature, animation, brightness, screen timeout, power saving mode, and tv out settings.

From the Home screen, touch  ➔ **Settings** ➔ **Sound and display**.

The following options display:

- **Font style**: sets the fonts used on the LCD display. The default font, is the only font that comes with your phone. Touch **Get fonts online** to download additional fonts.
- **Orientation**: When you set the Orientation setting to On, the phone automatically switches from portrait to landscape orientation and vice versa. When this setting is set to Off, then the phone displays in portrait mode only.
- **Animation**: determines whether some or all of the window elements animate. Selections are: No animation, Some animations, and All animations.
- **Brightness**: configures the LCD Brightness levels. Touch Automatic brightness to allow the phone to self-adjust and touch OK.

- **Screen timeout**: adjusts the delay time before the screen automatically turns off. Selections are: 15 seconds, 30 seconds, 1 minute, 2 minutes, 10 minutes, and 30 minutes.
- **Power saving mode**: This mode allows you to save power because the phone analyzes the displayed screen image and adjusts the LCD brightness.
- **TV out**: This feature allows you to connect your phone to your television. For more information, refer to *"TV out"* on page 108.

TV out

This feature allows you to connect your phone to your television via an optional phone to RGB cable and view any locally stored image or video directly on your television. The two available options include: TV out or TV system (NTSC).

Note: The TV system (NTSC) option is used if you are connecting to an older, analog NTSC system.

To use the TV out feature:

1. From the Home screen, touch → **Settings** → **Sound and display** → **TV out**.
2. Touch one of the following options:
 - **TV out**: to play all of the phone's video output through the TV-out feature.
 - **TV system (NTSC)**: to play the phone's video out through an analog TV video system converter (NTSC or PAL).

Note: PAL is usually used in Europe.

Location and Security

The Location and Security settings allow you to set up how the phone will determine your location and the security settings for your phone.

Use Wireless Networks

Before you use applications such as Google Maps and find your location or search for places of interest, you must enable the Use wireless networks option or enable the GPS satellites.

1. From the Home screen, touch → **Settings** → **Location and security**.
2. Touch **Use wireless networks** to enable location information using the wireless network.

Use GPS satellites

1. From the Home screen, touch → **Settings** → **Location and security**.
2. Touch **Use GPS satellites** to enable the GPS satellite.

Screen Unlock Pattern Settings

To secure data and limit phone access, set the phone to require a screen unlock pattern each time you turn on the device, or every time the phone wakes up from sleep mode (when the screen automatically turns off).

Set unlock pattern

Creating a screen unlock pattern increases security on the phone. When you enable the User visible pattern field, you will draw an unlock pattern on the screen whenever you want to unlock the phone's buttons or touch screen. When you activate the Use tactile feedback field, you feel vibration as feedback while drawing the pattern.

Note: Make sure the Require Pattern field is activated.

Require pattern

Turning on the Require Pattern option protects your phone from unauthorized use by creating a personal screen unlock pattern.

Use visible pattern

When enabled, this feature displays the text entered into the password field.

Use tactile feedback

When this option is enabled, you will feel vibration as feedback while drawing the pattern.

Set up/Change password

Use this option to set up your password when one is first required or change your current password.

1. From the Home screen, touch → **Settings** → **Location and security** → **Set up/Change password**.
2. Enter a new password and touch **Confirm**.
3. Enter the new password again and touch **Confirm**.

Set up SIM card lock

Prevent another user from using your SIM card to make unauthorized calls or from accessing information stored on your SIM card by protecting the information using a PIN code.

When enabled, your phone will ask for a PIN number each time you use the phone. Using this option you can also change your SIM PIN number.

1. From the Home screen, touch → **Settings** → **Location and security**.
2. Touch **Set up SIM card lock**.

3. Touch **Lock SIM card**, enter your SIM PIN code, then touch **OK**.

Note: You must activate Lock SIM card before you can change your SIM PIN code.

4. Touch **Change SIM PIN**.
5. Enter your old SIM PIN code and touch **OK**.
6. Enter your new SIM PIN code and touch **OK**.
7. Re-type your new SIM PIN code and touch **OK**.

Passwords Settings

When you create a phone password you can also configure the phone to display the password as you type it instead of using an asterisk (*).

1. From the Home screen, touch  → **Settings** → **Location and security**.
2. Touch **Visible passwords** to activate this feature.

Credential storage

This option allows certain applications to access secure certificates and other credentials. Certificates and credentials can be installed to the SD card and password protected.

1. From the Home screen, touch  → **Settings** → **Location and security**.
2. Touch **Use secure credentials** to activate this feature. A check mark displayed next to the feature indicates secure credentials is active.
3. Touch **Install encrypted certificates** to install encrypted certificates from the memory (SD) card.
4. Touch **Set password** to set or change the credential storage password.
5. Touch **Clear storage** to clear the storage (SD card or phone memory) of all contents and reset the credentials password.

Applications

This device can be used for Android development. You can write applications in the SDK and install them on this device, then run the applications using the hardware, system, and network. This feature allows you to configure the device for development.

Warning!: Android Dev Phone 1 devices are not intended for non-developer end-users. Because the device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

Manage Applications

This feature allows you to manage installed applications. You can view and control currently running services, or use the device for application development. Using the Samsung Apps option the device notifies you when you are using Wi-Fi or Packet data for Samsung applications.

You can also view the amount of memory or resources used as well as the remaining memory and resources for each of the applications on your phone and clear the data, cache, or defaults.

▶ From the Home screen, touch  ➔ **Settings** ➔ **Applications** ➔ **Manage applications**.

Clearing application cache and data

Important!: You must have downloaded applications installed to use this feature.

1. From the Home screen, touch  ➔ **Settings** ➔ **Applications** ➔ **Manage applications**.
2. Touch an application in which to clear the cache or data.
3. Touch **Uninstall updates**, **Clear cache**, **Clear defaults**, **Force stop**, or **View Permissions**.

Uninstalling third-party applications

Important!: You must have downloaded applications installed to use this feature.

1. From the Home screen, tap  ➔ **Settings** ➔ **Applications** ➔ **Manage applications**.
2. Touch the application you want to uninstall and touch **Uninstall**.
3. At the prompt, touch **OK** to uninstall the application.
4. At the **Uninstall finished!** prompt, touch **OK**.

Running services

The Running services option allows you to view and control currently running services such as Daily Briefing, DataService, Google Talk, SNS (messaging), Swype, and more.

To stop a service from running on your phone:

1. From the Home screen, tap  ➔ **Settings** ➔ **Applications** ➔ **Running Services**.
2. Touch a service.
3. At the **Stop service?** prompt, touch **Stop** to stop the service from running on your phone.

Development

▶ From the Home screen, touch → **Settings** → **Applications** → **Development**.

Important!: These features are used for development purposes only.

USB debugging

This feature is used for development purposes only.

Stay awake

To share this devices internet with your laptop or computer through the USB port, you must use a screen saver to keep the device awake. Without a screen saver, the phone will disconnect from a Wi-Fi, 2G (Edge), or 3G connection. Use the Stay awake option to keep the phone awake so you can share the internet.

This feature is used for Android application development.

Note: The phone will not go into sleep mode while charging when this feature is activated.

Allow mock locations

This feature is used for development purposes only.

If you are a developer who is testing a GPS applications using this device, you can tell the device that the phone is at different GPS locations. In other words, the phone is allowed to "mock" the coordinates.

USB Settings

1. From the Home screen, touch → **Settings** → **Applications** → **Development** → **USB settings**.
2. Select one of the following USB settings:
 - **Samsung Kies**: a software suite that allows you to search and download applications directly from a PC. The applications are then installed onto a mobile device when synced with a PC, providing instant back up and peace of mind for application downloads. For more information, refer to *"Connecting with Samsung Kies"* on page 134.
 - **Media player**: connects your device to a PC in order to synchronize files with Windows Media Player. For more information, refer to *"Synchronizing with Windows Media Player"* on page 134.
 - **Mass storage**: allows you to use the onboard storage capacity of the phone to store and upload files. This option allows your computer to detect the phone as a removable storage drive. For more information, refer to *"Connecting as a Mass Storage Device"* on page 134.
 - **PC Internet**: You can use your device as a modem for a PC to access the internet via your mobile network service.
 - **Ask on connection**: allows you to make a USB setting selection as soon as the USB cable from your phone is connected with a PC.

Note: To use any downloaded market application that requires a USB connection between your phone and your PC, you should first set the USB setting to **Mass storage**.

Accounts and Synchronization

1. Sign in to your Google account.
2. From the Home screen, touch  → **Settings** → **Accounts and sync**.
3. From the General sync settings section, touch one of the following options:
 - **Background data**: allows your phone to use data in the background.
 - **Auto-sync**: automatically synchronizes your data with the phone.

Privacy

Location settings, backup configurations, or reset the phone to erase all personal data.

1. From the Home screen, touch  → **Settings** → **Privacy**.

Use My Location

When using applications such as Google Maps, the device uses your current location as the starting point.

1. From the Home screen, touch  → **Settings** → **Privacy**.
2. Touch **Use My Location**. A green checkmark will appear next to the feature.

Factory data reset

From this menu you can reset your phone and sound settings to the factory default settings.

1. From the Home screen, touch  → **Settings** → **Privacy**.
2. Touch **Factory data reset**, enter your password, then select **Yes** to confirm.

 The phone resets to the factory default settings automatically and when finished displays the Home screen.

Warning!: Performing a Factory data reset will erase all data from your phone, including your Google account, system and application data and settings, and downloaded applications. It will not erase current system software and bundled applications or files on your SD card such as music or photos.

SD card and phone storage

From this menu you can view the memory allocation for the memory card as well as mount or unmount the SD card.

For more information about mounting or unmounting the SD card, see *"Memory Card"* on page 34.

To view the memory allocation for your external SD card:

- From the Home screen, touch → **Settings** → **SD card and phone storage**.The available memory displays under the Total space and Available space headings.

Search Settings

Use the search settings to configure parts of Google Web search (for example, whether Google makes suggestions below the Quick Search Box as you type), and what phone features you want to include in the searches.

1. From the Home screen, touch → **Settings** → **Search**.
2. Touch one of the following search settings:
 - **Google search settings**: displays the Google search preferences settings.
 - **Show web suggestions**: includes search matches from Google's online search engine.
 - **Search history**: determines whether to include personalized search history results in the list.
 - **Manage search history**: manages the personalized search history associated with your Google account.
 - **Searchable items**: displays a screen to select search categories included in the device searches such as: Browser, Apps, Contacts, YouTube, Music Player, and Phone.
 - **Clear search shortcuts**: erases the history for recently selected search results.

Locale and text

This setting allows you to configure the language in which to display the menus. You can also set onscreen keyboard options.

- From the Home screen, touch → **Settings** → **Locale and text**.

Select locale

To set the language that the menus display on the phone:

1. From the Home screen, touch → **Settings** → **Locale and text** → **Select locale**.
2. Select a language and region from the list.

Set Default Keyboard

There are three input methods available: Swype, Samsung keypad, and Android keyboard. Samsung keypad is the default text input method.

1. From the Home screen, touch → **Settings** → **Locale and text** → **Set default keyboard**.
2. Select either Swype, Samsung keypad, or Android keyboard and follow the instructions below.

Swype Settings

To configure Swype settings:

1. From the Home screen, touch → **Settings** → **Locale and text** → **Swype**.
2. Tap one of the following Swype settings to activate the setting:
 - **Language**: allows you to select the current text input language. Default language is US English.
 - **Auto-spacing**: automatically inserts a space between words. When you finish a word, just lift your finger or stylus and start the next word.
 - **Auto-capitalization**: automatically capitalizes the first letter of a sentence.
 - **Word Prediction**: uses a built-in word database to predict words while entering text in Swype.
 - **Enable Tip Indicato**r: turns on an on-screen flashing indicator that provides helpful user information.
 - **Audio Feedback**: turns off sounds generated by the Swype application.
 - **Vibrate on keypress**: activates a vibration sensation as you enter text using the keypad.
 - **Display Trace**: select how long to show the Swype path.
 - **Word Choice Window**: select how often the Word Choice window displays.
 - **Speed vs. Accuracy**: select how quickly Swype responds to input.
 - **Auto-select word after**: select the time that occurs before Swype automatically selects the first word.
 - **Swype Help**: allows you to view the on-line user manual for Swype.
 - **Tutorial**: a short tutorial that helps you to get started using Swype.
 - **Version**: lists the Swype version number.

Samsung Keypad settings

From this menu you can set Samsung keypad options.

1. From the Home screen, touch → **Settings** → **Locale and text** → **Samsung keypad**.
2. Touch the **Keypad types** field select a text input method:
 - Qwerty Keypad

- 3x4 Keypad
- Handwriting box 1
- Handwriting box 2

3. Touch the **Writing language** field and touch Automatic, or touch one of the languages.
4. To use XT9 Predictive text method, touch **XT9**. For more information, refer to *"Using XT9 Predictive Text"* on page 50.
5. If you are using XT9 Predictive text method, touch **XT9 advanced settings**. For more information, refer to *"XT9 Advanced Settings"* on page 116.
6. Touch the **Keypad sweeping** field to be able to sweep the keypad and change from **ABC** to **?123** mode. For more information, refer to *"Text Input Methods"* on page 48.
7. Touch the **Auto-capitalization** field to enable automatic capitalization.
8. Touch **Handwriting settings**. The following options are available:
 - **Recognition time**: allows you to set the time it takes to recognize each handwritten letter. The longer the time, the more accurate.
 - **About**: allows you to view information on the handwriting tool manufacturer and view Gesture Methods for Space, Enter, and Back Space.
9. Touch **Tutorial** for a short tutorial on using the Samsung keypad.

XT9 Advanced Settings

The following XT9 Advanced settings are only available if the **XT9** field has been selected.

1. From the Home screen, touch → **Settings** → **Locale and text** → **Samsung keypad** → **XT9 Advanced settings**.
2. Touch the **Word completion** field to enable word completion. Your phone will predict how to complete the word you have started.
3. Touch the **Word completion point** field to set how many letters should be entered before a prediction is made.
4. Touch the **Spell correction** field. This option corrects typographical errors by selecting from a list of possible words that reflect the characters of the keys you touched as well as the characters of nearby keys.
5. Touch the **Next word prediction** field to enable word prediction for the next word.

6. Touch the **Auto-append** field to automatically add predictions to the word you are typing.
7. Touch the **Auto-substitution** field to automatically replace words that you are typing. This option will help for accidental misspellings.
8. Touch the **Regional correction** field. This option sets the device to automatically correct mistyped words according to normal spelling for your region.
9. Touch the **Recapture** field. This option sets the device to re-display the word suggestion list when you select the wrong word from the list.
10. To add a new word to the T9 dictionary:
 Touch the **XT9 my words** field, then touch  → **Add**. Enter the new word in the **Register to XT9 my words** field, then touch **Done**.
11. To add words to substitute (for example youve becomes you've) touch **XT9 auto-substitution**.
12. A list of substitutions is displayed. If you don't see the substitution you want, touch  → **Add**, and then input the Shortcut word and Substitution word. Touch **Done**.

Android Keyboard settings

From this menu you can set Android keyboard options.

1. From the Home screen, touch  → **Settings** → **Locale and text** → **Android keyboard**.
2. The following options are available:
 - **Vibrate on keypress**: check this field to have the phone vibrate each time you touch a key on the keyboard.
 - **Sound on keypress**: check this field to play a sound each time you touch a key on the keyboard.
 - **Auto-capitalization**: check this field to have the keyboard automatically capitalize the first letter of the first word after a period, the first word in a text field, and all words in name fields.
 - **Voice input**: check this field to be able to enter text in a message by talking.
 - **Quick fixes**: check this field to automatically correct some common misspellings as you type.
 - **Show suggestions**: check this field to show suggested words in a field above the keyboard as you type.
 - **Auto-complete**: check this field to automatically enter a suggested word, shown in orange in the field above the keyboard, when you enter a space or punctuation.

Accessibility Settings

This service is able to collect all the text you type, including personal data credit card numbers except passwords. It may also log your user interface interactions. It comes from the applications such as KickBack, SoundBack, and TalkBack.

1. From the Home screen, touch  ➔ **Settings** ➔ **Accessibility settings**.
2. Touch **Accessibility** to activate the feature, then select the services for which you want data to log.

Text-to-speech

This feature allows the device to provide a verbal readout of onscreen data such as messages and incoming caller information.

1. From the Home screen, touch  ➔ **Settings** ➔ **Text-to-speech**.
2. Configure the available options to alter the settings associated with this feature:
 - **Listen to an example**: plays a short example of what the text-to-speech feature sounds like on your device when activated.
 - **Install voice data**: confirms the installation of necessary data required for voice synthesis.
 - **Driving mode**: incoming calls and new notifications are automatically ready out loud.
 - **Always use my settings**: accepts an override of application settings with personal configurations for this text-to-speech settings screen. If enabled, your device defaults to using the text-to-speech feature.
 - **Speech rate**: adjusts the rate at which onscreen text is spoken by the device. Choose from: **Very slow**, **Slow**, **Normal**, **Fast**, and **Very fast**.
 - **Language**: assigns the language used for verbal readout. Choose from American English or Spanish.

Date and time

This menu allows you to change the current time and date displayed.

1. From the Home screen, touch  ➔ **Settings** ➔ **Date and time**.
2. Touch **Automatic** to allow the network set the date and time.

Important!: Deactivate **Automatic** to manually set the rest of the options.

3. Touch **Set date** and use the plus or minus icons to set the **Month**, **Day**, and **Year** then touch **Set**.
4. Touch **Select time zone**, then touch a time zone.

5. Touch **Set time** and use the plus or minus icons, set **Hour**, and **Minute**. Touch **PM** or **AM**, then touch **Set**.
6. Optional: Touch **Use 24-hour format**. If this is not selected the phone automatically uses a 12-hour format.
7. Touch **Select date format** and touch the date format type.

About Phone

This menu contains legal information, system tutorial information, and other phone information such as the model number, firmware version, baseband version, kernal version, and software build number.

To access phone information:

▶ From the Home screen, touch → **Settings** → **About phone**. The following information displays:

- **Status**: displays the battery status, the level of the battery (percentage), the phone number for this device, the network connection, signal strength, mobile network type, service state, roaming status, mobile network state, IMEI number, IMEI SV, Wi-Fi MAC address, Bluetooth address, and Up time.
- **Battery use**: displays the applications or services (in percentages) that are using battery power.
- **Legal information**: This option displays information about Open source licenses as well as Google legal information. This information clearly provides copyright and distribution legal information and facts as well as Google Terms of Service, Terms of Service for Android-powered Phones, and much more pertinent information as a reference.
 Read the information and terms, then press to return to the Settings menu.
- **System tutorial**: provides a quick, online tutorial that walks you through basic phone features. Read the on-screen information and follow the system prompts.
- **Model number**: displays the phone's model number.
- **Firmware version**: displays the firmware version loaded on this handset.
- **Baseband version**: displays the baseband version loaded on this handset.
- **Kernel version**: displays the kernel version loaded on this handset.
- **Build number**: displays the software, build number.

Note: Firmware, baseband, kernal and build numbers are usually used for updates to the handset or support. For additional information please contact your AT&T service representative.

Software Update

The Software Update feature enables you to use your phone to connect to the network and upload any new phone software directly to your phone. The phone automatically updates with the latest available software when you access this option.

- From the Home screen, touch  → **Settings** → **Software update**. The phone automatically updates the software (if available).

This section describes the various connections your phone can make including accessing the Internet with your Browser, Wi-Fi, and Bluetooth.

Browser

Your phone is equipped with att.my.yahoo, your access to the mobile web. This section explains how to navigate att.my.yahoo and introduces you to the basic features.

Accessing the Mobile Web

To access the Browser:

▶ At the Home screen, tap **Browser** . The att.my.yahoo homepage displays.

The att.my.yahoo Homepage

When you access the Browser, the att.my.yahoo homepage displays. The green bar at the top of the display will disappear when the page is fully loaded. The att.my.yahoo homepage contains the following items:

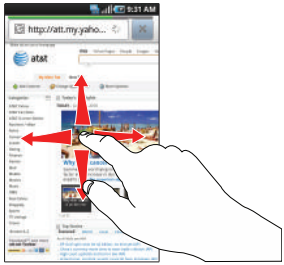
- **My Main Tab**: The Main Tab is the att.my.yahoo homepage.
- **New Tab**: This option allows you to create a new page that you can customize. You can name it, personalize it, and drag and drop content from other tabs.
- **Add Content**: This option allows you to add content to your webpage. You can add things like Facebook, TV Listings, Yahoo! Mail Preview, etc.
- **Change Appearance**: This option allows you to choose and customize a theme, change the layout, and set the font size of your webpage.
- **More Options**:
 - **My Yahoo! Reader**: The Reader lets you view articles without leaving My Yahoo! when feed publishers have provided the full articles. If you prefer to read articles on the publisher's site, you can turn the Reader off for all feeds.
 - **Article Preview**: When sweep over headlines you can read a snippet of the article without leaving My Yahoo!. If you prefer not to see the article preview, you can turn it off for all web pages.
 - **Article Timestamps**: This setting allows you to show or hide the timestamps that are placed after headlines on your page to indicate when articles were published.
 - **Auto Refresh**: This option reloads your tabs automatically to get the latest information. If you prefer to refresh your tabs manually, you can turn this feature off.
 - **Search Assist**: This option offers relevant keywords in real-time as you type. You can choose them by scrolling through the list.

– **Reset Homepage**: This setting allows you to start over and reset your homepage to the default settings. You will lose any customization, including content added, tabs created, and themes selected.

- **Web Search**: The Web Search box allows you to search the web by entering a word or words and then touching Web Search.

Navigating with the Browser

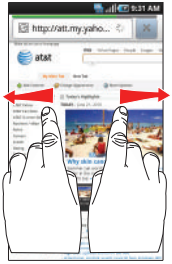
1. To select an item, touch an entry.
2. To scroll through a website, sweep the screen with your finger in an up or down motion.
3. Sweep the screen left to right to move laterally across a web page.
4. To return to the previous page, touch .



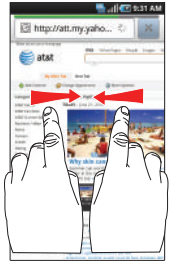
Zooming in and out on the Browser

There are several ways to Zoom in and out on your browser:

- Double tap the web page to zoom in or out.
- When you sweep the screen in any direction the icon displays. Press to zoom in or to zoom out.
- Sweep in opposite directions at the same time to zoom in or out. See diagram below.



Zoom In



Zoom Out

Browser Options

1. From the home page, press  to access the following options:
 - **New window**: displays a new window so you can browse multiple URLs. For more information, refer to *"Adding and Deleting Windows"* on page 124.
 - **Add RSS feeds**: allows you to add RSS (Really Simple Syndication) feeds. RSS is a family of web feed formats used to publish frequently updated works, such as blog entries, news headlines, audio, and video.
 - **Windows**: displays a list of the windows you have open.
 - **Refresh**: reloads the current page.
 - **Forward**: forwards the browser to another web page.
 - **More**: displays the following additional options:
 - **Add bookmark**: allows you to add a URL to your bookmark list.
 - **Find on page**: allows you to search in the current page.
 - **Select text**: touch and slide your finger across text you want to copy and paste to the clipboard. The text highlights as you select it.
 - **Page info**: displays information about the selected page.
 - **Share page**: allows you to share the page using Gmail or as a message.
 - **Downloads**: displays the download history.
 - **Settings**: allows you to change the way you view your web pages by changing these options. See *"Browser Settings"* on page 126.
 - **Brightness Setting**: allows you to adjust the brightness of your display.

Enter a URL

You can access a website quickly by entering the URL. Websites are optimized for viewing on your phone.

To enter a URL and go to a particular website, follow these steps:

1. Touch the **URL** field at the top of your screen.
2. Enter the URL using the on-screen keypad and tap **Go.**

 The website displays.

Search the Internet

To perform an internet search using keywords, follow these steps:

1. From the att.my.yahoo homepage, touch the **Web Search** field.
2. Enter the keyword(s) to search using the on-screen keypad and tap **Web Search.**
3. A list of search results displays.
4. Touch a link to view the website.

Adding and Deleting Windows

You can have up to eight Internet windows open at one time. To add a new window, follow these steps:

1. From your browser, tap  → **New Window**.
2. A new browser window is opened.
3. Tap  → **Windows** to see a list of all open windows.
4. Tap a window listing to open up that Internet window.
5. Touch  next to the listing to delete the window.

Using Bookmarks

While navigating a website, you can bookmark a site to quickly and easily access it at a future time. The URLs (website addresses) of the bookmarked sites are displayed in the Bookmarks page. From the Bookmarks page you can also view your Most visited websites and view your History.

1. From the Home webpage, tap .

 The Bookmarks page is displayed.

2. Tap  to display the following options:
 - **Bookmark last-viewed page**: Creates a new bookmark for the last webpage that you viewed.
 - **List/Thumbnail view**: You can select **Thumbnail view** (default) to see a thumbnail of the webpage with the name listed, or you can select **List view** to see a list of the bookmarks with Name and URL listed.
3. Touch a bookmark to view the webpage, or touch and hold a bookmark for the following options:
 - **Open**: Opens the webpage of the selected bookmark.
 - **Open in new window**: Opens the webpage in a new window.
 - **Edit bookmark**: Allows you to edit the name or URL of the bookmark. For more information, refer to *"Editing Bookmarks"* on page 125.
 - **Add shortcut to Home**: Adds a shortcut to the bookmarked webpage to your phone's Home screen.
 - **Share link**: Allows you to share a URL address via Bluetooth, Gmail, or Messaging.
 - **Copy link URL**: Allows you to copy the URL address to use in a message.
 - **Delete bookmark**: Allows you to delete a bookmark. For more information, refer to *"Deleting Bookmarks"* on page 125.
 - **Set as homepage**: Sets the bookmark to your new homepage.

Adding Bookmarks

1. From the Home webpage, tap  ➔ **Add** if you are in Thumbnail view. Touch **Add bookmark..** if you are in List view.
2. Use the on-screen keypad to enter the name of the bookmark and the URL.
3. Tap **OK**.
4. **Saved to bookmarks** will appear at the bottom of the page.

Editing Bookmarks

1. From the Bookmarks page, touch and hold the bookmark you want to edit.
2. Touch **Edit bookmark**.
3. Use the on-screen keypad to edit the name of the bookmark or the URL.
4. Tap **OK**.

Deleting Bookmarks

1. From the Bookmarks page, touch and hold the bookmark you want to delete.
2. Touch **Delete bookmark**.
3. At the Delete confirmation window, tap **OK**.

Emptying the Cookies

A cookie is a small file which is placed on your phone by a website during navigation. In addition to containing some site-specific information, it can also contain some personal information (such as a username and password) which can pose a security risk if not properly managed. You can clear these cookies from your phone at any time.

1. From the Home webpage, tap ➔ **More** ➔ **Settings** ➔ **Clear all cookie data**.
2. At the **All cookies will be deleted** prompt, touch **OK** to delete the cookies or touch **Cancel** to exit.

Using your History

The History list provides you with a list of the most recently visited websites. These entries can be used to return to previously unmarked web pages.

1. From the Home webpage, tap  ➔ **History** .

 A list of your most recently visited websites is displayed with Name and URL address.
2. Tap any entry to display the webpage.
3. Tap  ➔ **Clear history** to delete the History list.

Using Most Visited

The Most visited list provides you with a list of the most visited websites that you have bookmarked. These entries can be used to return to previously unmarked web pages.

1. From the Home webpage, tap → **Most visited** .

 A list of your most visited webpages is displayed with Name and URL address. The webpages that have been visited the most will appear at the top.

2. Tap any entry to display the webpage.

Browser Settings

To make adjustments in your browser settings, follow these steps:

1. Tap **Browser** → → **More** → **Settings**.
2. The following options are available:
 - **Text size**: Adjusts the current onscreen text size. Options include Tiny, Small, Normal, Large, or Huge.
 - **Default zoom**: Adjusts the zoom feature. Set to Far, Medium, or Close.
 - **Open pages in overview**: Shows an overview of newly opened web pages.
 - **Text encoding**: Adjusts the current text encoding.
 - **Block pop-up windows**: Prevents popup advertisement or windows from appearing onscreen. Remove the checkmark to disable this function.
 - **Load images**: Allows web page images to be loaded along with the other text components of a loaded website.
 - **Auto-fit pages**: Allows web pages to be resized to fit as much of the screen as possible.
 - **Landscape-only display**: Displays the browser in only the horizontal position.
 - **Enable JavaScript**: Enables javascript for the current Web page. Without this feature, some pages may not display properly. Remove the checkmark to disable this function.
 - **Enable plug-ins**: Allows the download of plug-ins such as Adobe Flash.
 - **Open in background**: New pages are launched in a separate page and displayed behind the current one. Remove the checkmark to disable this function.
 - **Set home page**: Sets the current home page for the Web browser.
 - **Default storage**: Allows you to set your default storage to Phone or Memory Card.
 - **Clear cache**: Deletes all currently cached data. Tap **OK** to complete the process.
 - **Clear history**: Clears the browser navigation history. Tap **OK** to complete the process.

- **Accept cookies**: Allows sites, that require cookies, to save and read cookies from your device.
- **Clear all cookie data**: Deletes all current browser cookie files.
- **Remember form data**: Allows the device to store data from any previously filled out forms. Remove the checkmark to disable this function.
- **Clear form data**: Deletes any stored data from previously filled out forms. Tap OK to complete the process.
- **Enable location**: Allows websites to request access to your location.
- **Clear location access**: Clears location access for all websites. Tap **OK** to complete the process.
- **Remember passwords**: Stores usernames and passwords for visited sites. Remove the checkmark to disable this function.
- **Clear passwords**: Deletes any previously stored usernames or passwords. Tap **OK** to complete the process.
- **Show security warnings**: Notifies you if there is a security issue with the current website. Remove the checkmark to disable this function.
- **Website settings**: View advanced settings for individual websites.
- **Reset to default**: Clears all browser data and resets all settings to default.

Wi-Fi

About Wi-Fi

Wi-Fi (short for "wireless fidelity") is a term used for certain types of Wireless Local Area Networks (WLAN). These device types use an 802.11 wireless specification to transmit and receive wireless data. Wi-Fi communication requires access to an existing and accessible Wireless Access Point (WAP). These WAPs can either be Open (unsecured) as within most Hot Spots, or Secured (requiring knowledge of the Router name and password).

Turning Wi-Fi On

By default, your device's Wi-Fi feature is turned off. Turning Wi-Fi on makes your device able to discover and connect to compatible in-range WAPs.

1. Touch  → **Settings** → **Wireless and network** → **Wi-Fi settings**.
2. Tap the **Wi-Fi** field to activate the feature. A green checkmark indicates that Wi-Fi is active. The device will scan for available in-range wireless networks and display them under Wi-Fi networks on the same screen.

Connect to a Wi-Fi Network

1. Touch → **Settings** → **Wireless and network** → **Wi-Fi settings**.

 The network names and security settings (Open network or Secured with WEP) of detected Wi-Fi networks are displayed in the Wi-Fi networks section.

2. Touch the network you want to connect to.

Note: When you select an open network, you will be automatically connected to the network.

3. Enter a wireless password if necessary.

Manually add your new network connection

1. Touch **Add Wi-Fi network**.
2. Enter the **Network SSID**. This is the name of your Wireless Access Point.
3. Tap the **Security** field and select a security option. This must match the current security setting on your target WAP.
4. If secured, you will also need to enter your WAP's password.
5. Tap **Save** to store the new information and connect to your target WAP.

Note: The next time your device connects to a previously accessed or secured wireless network, you are not prompted to enter the WAP key again, unless you reset your device back to its factory default settings.

Turning Wi-Fi Off

1. Touch → **Settings** → **Wireless and network** → **Wi-Fi settings**.
2. Tap the **Wi-Fi** field to deactivate the feature. The green checkmark will be removed.

Note: Use of wireless data connections such as Wi-Fi and Bluetooth can cause an added drain to your battery and reduce your use times.

Manually Scan for a Wi-Fi Network

1. Touch → **Settings** → **Wireless and network** → **Wi-Fi settings**.
2. Tap → **Scan**.

Wi-Fi Status Indicators

The following icons show your Wi-Fi connection status at a glance:



Displays when Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).



Displays when Wi-Fi is active but there is a communication issue with the target Wireless Access Point (WAP).

Wi-Fi Advanced Settings

The Wi-Fi settings - Advanced menu allows you to set up many of your device's Wi-Fi service, including:

- Setting your Wi-Fi sleep policy
- Viewing your device's MAC Address
- Configuring use of either a DHCP or Static IP

To access the Bluetooth Settings menu:

1. Touch  → **Settings** → **Wireless and network** → **Wi-Fi settings**.
2. Tap  → **Advanced**.

For more information, refer to *"Network Notification"* on page 98.

AT&T Hot Spots

At AT&T Hot Spots, you have unlimited Wi-Fi access on the AT&T Hot Spot Network throughout the world.

AT&T Hot Spots provide a reliable wireless Internet connection with broadband speed, so you can check your email, instant message, watch videos or listen to music.

With this application you can find thousands of locations around the country - and around the world - in coffeehouses, restaurants, hotels, airports, and more.

To use the AT&T Hotspot Locator, follow these steps:

1. Touch  → .
2. At the AT&T Hotspot Locator screen, select a venue. Touch the drop-down list box and select from All Venues, Starbucks, Barnes & Noble, McDonald's, Airports, Hotels, or Convention Centers.
3. Select a Service Type. Touch the drop-down list box and select Basic (Only) or Premier (Includes Basic).
4. Enter a Zip or City and State and tap **Search**.

 The nearest AT&T Hotspots are displayed.
5. Select the location you want and tap **maps & directions**.

A map is displayed. You can also enter information for driving directions.

Bluetooth

About Bluetooth

Bluetooth is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth devices, such as headsets and hands-free car kits, and Bluetooth-enabled handhelds, computers, printers, and wireless devices. The Bluetooth communication range is usually up to approximately 30 feet.

Turning Bluetooth On and Off

To turn Bluetooth on:

1. Touch  → **Settings** → **Wireless and network** → **Bluetooth settings**.
2. Tap the **Bluetooth** field to activate the feature (checkmark indicates active). When active,  appears within the Status area.

To turn Bluetooth off:

1. Touch  → **Settings** → **Wireless and network** → **Bluetooth settings**.
2. Tap the **Bluetooth** field to deactivate the feature. The green checkmark will be removed.

Bluetooth Status Indicators

The following icons show your Bluetooth connection status at a glance:

 Displays when Bluetooth is active.

 Displays when Bluetooth is connected (paired) and communicating.

[no icon] Displays when Bluetooth is disabled (default status).

Bluetooth Settings

The Bluetooth settings menu allows you to set up many of the characteristics of your device's Bluetooth service, including:

- Entering or changing the name your device uses for Bluetooth communication and description
- Setting your device's visibility (or "discoverability") for other Bluetooth devices
- Displaying your device's Bluetooth address

To access the Bluetooth Settings menu:

1. Touch → **Settings** → **Wireless and network** → **Bluetooth settings**.
2. Verify your Bluetooth is active.
3. Touch the **Device name**, **Visible**, and **Scan devices** fields to set the options.

To change your Bluetooth name:

1. Verify your Bluetooth is active.
2. From the Bluetooth settings page, tap **Device name**.
3. Tap the **Device name** field and enter a new name.
4. Tap **OK** to complete the rename process.

To make your device visible:

1. Verify your Bluetooth is active.
2. From the Bluetooth settings page, tap **Visible**.
 - Making your device visible allows it to be detected by other devices for pairing and communication.

Note: Your device is visible for up to 120 seconds (2 minutes). This value appears as a countdown within this field.

To scan for Bluetooth devices:

1. Verify your Bluetooth is active.
2. From the Bluetooth settings page, tap **Scan devices** to search for visible external Bluetooth-compatible devices such as headsets, devices, printers, and computers.

Pairing Bluetooth Devices

The Bluetooth pairing process allows you to establish trusted connections between your device and another Bluetooth device. When you pair devices, they share a passkey, allowing for fast, secure connections while bypassing the discovery and authentication process.

To pair your device with another Bluetooth device:

1. Verify your Bluetooth is active.
2. Tap **Scan devices**. Your device will display a list of discovered in-range Bluetooth devices.
3. Tap a device from the list to initiate pairing.
4. Enter the passkey or PIN code, if needed, and tap **OK**.
5. The external device will then have to also accept the connection and enter your device's PIN code.

Once successfully paired to an external device,  appears within the Status area.

Note: Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth compatible devices.

Note: Pairing between two Bluetooth devices is a one-time process. Once a pairing has been created, the devices will continue to recognize their partnership and exchange information without having to re-enter a passcode again.

To disconnect a paired device:

Disconnecting a paired device breaks the connection between the device and your phone, but retains the knowledge of the pairing. At a later point when you wish to reconnect the device, there is no need to setup the connection information again.

1. Verify your Bluetooth is active.
2. From the Bluetooth settings page, touch the previously paired device (from the bottom of the page).
3. Tap **OK** to confirm disconnection.

 – or –

 From the Bluetooth settings page, touch and hold the name of the previously paired device, and select **Disconnect**.

Note: Disconnections are manually done but often occur automatically if the paired device goes out of range of your phone or it is powered off.

To delete a paired device (unpair):

Deleting a device from your list removes its “connection record” and upon reconnection would require that you re-enter all the previous pairing information.

1. Verify your Bluetooth is active.
2. From the Bluetooth settings page, touch and hold the name of the previously paired device (from the bottom of the page). This opens the connected device’s menu options.
3. Tap **Unpair** to delete the paired device.

Sending Contacts via Bluetooth

Depending on your paired devices' settings and capabilities, you may be able to send pictures, Contact information, or other items using a Bluetooth connection.

Note: Prior to using this feature, Bluetooth must first be enabled, and the recipient's device must be visible.

1. Verify your Bluetooth is active.
2. From the main Home screen, touch **Contacts** .
3. Touch  → **More** → **Send via bluetooth**.
4. Tap each contact that you would like to send via Bluetooth. A green checkmark will appear next to each entry you select.
5. Touch **Send**.
6. Select the paired device to send the contacts to.

Note: The external Bluetooth device must be visible and communicating for the pairing to be successful.

7. A Bluetooth share notification will appear in your notifications list.

PC Connections

You can connect you device to a PC using an optional PC data cable using various USB connection modes. When you connect the device to a PC, you can synchronize files with Windows Media Player, transfer data to and from your device directly, or use the Samsung Kies program and use you device as a wireless modem for a PC.

What is Samsung Kies?

Samsung Kies is a software suite that allows you to search and download applications directly from a PC. The applications are then installed onto a mobile device when synced with a PC, providing instant back up and peace of mind for application downloads.

To learn more about Samsung Kies and Samsung applications, browse featured applications and download Kies at www.samsungapps.com.

Connecting with Samsung Kies

Ensure that Samsung Kies is installed on your PC. You can download the program from the Samsung website (www.samsungmobile.com).

1. From the Home screen, touch  ➔ **Settings** ➔ **Applications** ➔ **USB settings** ➔ **Samsung Kies**.
2. Press  to return to the Home screen.
3. Using an optional PC data cable, connect the multifunction jack on your device to a PC.
4. Run Samsung Kies and use wireless connections or copy data and files. Refer to Samsung Kies help for more information.

Synchronizing with Windows Media Player

Ensure that Windows Media Player is installed on your PC.

1. From the Home screen, touch  ➔ **Settings** ➔ **Applications** ➔ **USB settings** ➔ **Media player**.
2. Press  to return to the Home screen.
3. Using an optional PC data cable, connect the multifunction jack on your device to a PC with Windows Media Player installed. A pop-up window displays on the PC when connected.
4. Open **Windows Media Player** to synchronize music files.
5. Edit or enter your device's name in the pop-up window.
6. Select and drag the music files you want to the sync list and begin synchronizing.

Connecting as a Mass Storage Device

You can connect your device to a PC as a removable disk and access the file directory. If you insert a memory card in the device, you can also access the files directory from the memory card by using the device as a memory card reader.

Note: The file directory of the memory card displays as a removable disk, separate from the internal memory.

Note: To use any downloaded market application that requires a USB connection between your phone and your PC, you should first set the USB setting to **Mass storage**.

1. Insert a memory card into the device to transfer files from or to the memory card.
2. From the Home screen, touch  **➔ Settings ➔ Applications ➔ USB settings ➔ Mass storage**.
3. Press  to return to the Home screen.
4. Connect the multifunction jack on your device to a PC using an optional PC data cable.
 A pop-up window displays on the PC when connected.
5. Open the folder to view files.
6. Copy files from the PC to the memory card.

Section 10: Applications

This section contains a description of each application that is available in the Applications Menu, its function, and how to navigate through that particular application. If the application is already described in another section of this user manual, then a cross reference to that particular section is provided.

Tip: To open applications quickly, add the icons of frequently-used applications to one of the Home screens. For details, see *"Customizing Your Home Screen"* on page 27.

You can also add an application icon as a Primary Shortcut that will display on all Home screens. If you add an application as a primary shortcut, the application icon will not be displayed in the Applications menu. For more information, refer to *"Adding and Removing Primary Shortcuts"* on page 29.

AllShare

AllShare allows your phone to stream photos, music and videos from its memory to other Digital Living Network Alliance (DLNA) certified devices. Your phone can also play digital content streamed from other DLNA certified devices.

Note: To view more information about DLNA certified products visit http://www.dlna.org/home.

1. Connect to a Wi-Fi network. For more information, refer to *"Connect to a Wi-Fi Network"* on page 128.
2. Touch → **AllShare**.
3. Touch **Settings** to configure the following settings:
 - **Media server name**: defaults to your phone. Use the keypad to enter a new Media server if desired, and touch **Save**.
 - **Share media**: allows you to restrict what is shared from your phone. Touch the items you want to share and touch **OK**.
 - **Access point network**: is the Wi-Fi network that you are connected to. Touch **Add Wi-Fi network** to select another network.
 - **Default memory**: allows you to have media saved to your **Phone** or **Memory Card**. Select an option and touch **OK**.
 - **Upload from other devices**: allows you set the phone to select how uploads from other devices are started. Select **Always accept**, **Always ask**, or **Always reject** and touch **OK**.

 Depending on the setting you changed, a pop-up screen may display to restart AllShare. Touch **Yes** to continue.

4. Touch one of the following options:
 - **Play file from my phone on another player**: You can enjoy multimedia content saved on your mobile phone on your TV or Hi-Fi. You can then use your mobile phone like a remote control.
 - **Play file from server on my phone**: You can enjoy multimedia content saved on other devices, such as your PC or laptop, on your phone.
 - **Play file from server on another player via my phone**: You can enjoy multimedia content saved on your PC or laptop using other devices like your TV or Hi-Fi. You can then use your mobile phone like a remote control.
5. Follow the on-screen instructions.

AT&T FamilyMap

AT&T FamilyMap provides peace of mind by being able to conveniently locate a family member from your wireless phone or PC and know that your family's location information is secure and private.

1. Touch → **AT&T FamilyMap**.
2. At the AT&T FamilyMap Sign In webpage, enter your Phone Number and Password in the appropriate fields and touch **Sign In**.

Note: To sign up for service, visit http://www.att.com/familymap for more information.

3. Follow the on-screen instructions.

AT&T Hot Spots

At AT&T Hot Spots, you have unlimited Wi-Fi access on the AT&T Hot Spot Network throughout the world. For more information, refer to *"AT&T Hot Spots"* on page 129.

AT&T Maps

AT&T Maps is a free introductory location-based service which provides static, non-moving, non-voice guided, turn-by-turn driving directions, with additional user features such as Local Search (limited) business listings and points of interest (POI) and address sharing with non-TeleNav subscribers.

1. Touch → **AT&T Maps**.
2. Touch **Accept** to accept the Terms of Service or touch **Exit** to exit the application.
3. Follow the on-screen instructions. Touch for more options.

AT&T Music

AT&T Music provides you access to Streaming Music, Music Videos, Music communities, Music applications, and allows you to both identify and purchase music directly from your handset. For more information, refer to *"AT&T Music"* on page 69.

AT&T Navigator

AT&T Navigator provides you with access to real-time GPS-driven applications. These programs not only allow you to achieve turn-by-turn navigation, but also access local searches.

Important!: You must have a data plan to use this feature.

Launching AT&T Navigator

1. Touch → **AT&T Navigator** .
2. Read the Terms of Service and touch **Accept** to acknowledge the terms of use.
3. Read the Warning and touch **Go** to acknowledge the terms of use. Otherwise, touch **Exit**.
4. Touch **Yes** if you would like a brief tour of AT&T Navigator features, otherwise touch **No, Skip Tour**.
5. The AT&T Navigator main screen displays.

Using Navigator

Although your phone does not come with left and right softkeys, these are available as on-screen buttons so you can activate their corresponding features.

1. Select an option and follow the on-screen instructions to activate a Navigator features.
 - **Drive To**: lets you get driving directions from wherever you are to wherever you're going. Choices include:
 - **My Favorites**: displays your favorite (marked) GPS navigation sites.
 - **Recent Places**: displays your recently entered locations.
 - **Address**: displays manually entered locations.
 - **Intersection**: used to locate a specific address by using two separate street addresses to identify an intersection. These can be entered either manually (Type It) or by speaking into the phone (Speak It).
 - **City**: allows you to enter a city, State and/or Province for navigation.
 - **Businesses**: allows you to enter a business type or name, category, or location.
 - **Airports**: allows you to use either local airports based on current a GPS location or manually enter the 3-letter airport code or name.
 - **Contact**: allows you to access a contact to get address information. When the prompt is available, tap **Resume Trip** to continue.
 - **Search**: allows you to search for the address by either speaking it or by entering the information manually. This function lets you search for locations from options such as: Food/Coffee, Gas

Stations, Gas By Price, Banks/ATMs, WiFi Spots, Parking Lots Hotels & Motels, Movie Theaters, Car Rentals, and more.

- **Maps & Traffic**: provides access to 2D and 3D maps for both your current location and for several categories of locations such as Airports and Contacts.
- **Share & More**: provides additional features such as sharing your location with contacts, recording your current location, creating and storing My Favorites locations, setting up Commute Alerts, accessing the Product Tour, enabling a real-time compass, and setting detailed application preferences.

2. Press  to exit, then tap **Yes** at the **Exit AT&T Navigator?** prompt.

Note: These services require the purchase of a subscription.

Obtaining Driving Directions

Your phone's built-in GPS hardware allows you to get real-time driving directions to selected locations or establishments based on your current location.

Using a Physical Address

1. Touch  → **AT&T Navigator**  → **Drive To** → **Address** → **OK**.
2. Touch either **Type It** or **Speak It**.
 - **Type It:** requires that you enter the physical address using either the keypad or on-screen keypad.
 - **Speak It**: enables the voice response unit and translates voice to text.
3. If typing in the address, touch the following fields and use the on-screen alphanumeric keypad to enter the necessary information:
 - **Address**: used to enter a street address. Touch **Done** to complete.
 - **City**: to enter the city for the address. Touch **Done** to complete.
 - **State/Province** or **ZIP/Postalcode**: additional information that can provide a more detailed search. Touch **Done** to complete.
4. Touch **Done** to begin the search process and receive driving directions from the GPS network.
5. Follow both the on-screen and audio directions.

AT&T Radio

With AT&T Radio, you can listen to over 400 stations anywhere you go. Get the best in radio with iheartradio including local stations from across the nation or access a limitless selection of music by creating personal radio stations. Listen to the best in music, from Hip-Hop and R&B to Rock, Pop, Latin and more, PLUS the best in talk radio such as Fox Sports, AccuWeather, ABC News, and The Onion.

For more information, refer to *"Music Player"* on page 71.

Browser

Open the browser to start surfing the web. The browser is fully optimized and comes with advanced functionality to enhance the Internet browsing feature on your phone. For more information, refer to *"Browser"* on page 121.

Calculator

With this feature, you can use the phone as a calculator. The calculator provides the basic arithmetic functions; addition, subtraction, multiplication, and division. The Calculator also keeps a history of recent calculations.

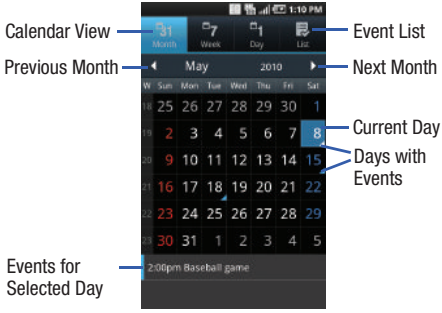
1. Touch → **Calculator** .
2. Enter the first number using the on-screen numeric keys.
3. Enter the operation for your calculation by touching the corresponding on-screen arithmetic function key.
4. Enter the second number.
5. To view the result, touch equals (**=**).
6. To view calculator history, touch located at the top of the calculator buttons. A history of your past calculations is displayed.
7. To clear the calculator history, touch → **Clear history**.

Calendar

With the Calendar feature, you can consult the calendar by day, week, or month, create events, and set an alarm to act as a reminder, if necessary.

To access the Calendar:

1. Touch → **Calendar** .
2. The following options are available:
 - **Month**: the calendar displays the selected month with today's date highlighted. At the bottom of the calendar, scheduled events display in the order that they occur.
 - **Week**: the calendar displays the selected week with today's time and date highlighted.
 - **Day**: the calendar displays the selected day with any events highlighted.
 - **List**: The Event List displays all events that you have added for all dates in the order that they appear.



Calendar Options

- From any Calendar view, touch the Menu key to display the following options:
 - **Create**: allows you to create a new event for any day or time period.
 - **Go to**: allows you to go to any date on your calendar.
 - **Today**: takes you to today's date, if you are not already there.
 - **Delete**: displays the event list, where you can select events to delete.
 - **Settings**: displays the following calendar settings:
 - **Calendars**: displays all calendars they you have created.
 - **Calendar sync**: allows you to sync your calendar with other accounts such as email or social accounts.
 - **Default view**: allows you to set the default view to Month, Week, Day, or List.
 - **Day views**: allows you to set the Day view to display with times listed or as a list of events. Select Time grid or Event List.
 - **First day of week**: allows you to set the first day of the week to Sunday or Monday. This will affect how the Month view calendar is displayed.
 - **Hide declined events**: will not display events you have received from others if you have declined them.

Event List

The Event List displays all events that you have added for all dates in the order that they appear.

1. From the Calendar, touch the **Event List** icon.
2. Touch and hold any event to display it.
3. Touch the Menu key to display the following options:
 - **Edit**: allows you the change the Event name, date, time, location, participants, alarm, alarm details, and description. Touch **Save**.
 - **Delete**: allows you to delete any event. Touch **OK** at the prompt.
 - **Send via**: allows you to send event information via Bluetooth or Messaging.

Camera

Use your 5.0 megapixel camera feature to produce photos in a JPEG format. Your phone also functions as a Camcorder to take videos.

For more information, refer to *"Camera"* on page 77.

Clock

The Clock application allows you to access alarms, view the World Clock, set a stopwatch, and use a timer.

Alarm

This feature allows you to both set an alarm to ring at a specific time.

1. Touch → **Clock** → **Alarm** → **Create alarm**. The following options display:
 - **Time**: touch the (**+**) or (**-**) to set the new time for the event, at which time an alarm will sound.
 - **Repeat**: use this option to set the repeating status for the alarm by placing a checkmark alongside those days you would like to use for the current alarm. **Everyday** places a checkmark alongside all days.
 - **Name**: allows you to use a specific name for the alarm. The name will appear on the display when the alarm activates.
 - **Snooze**: use this option to set a Duration (3, 5, 10, 15, or 30 Minutes) and Alarm repeat (1, 2, 3, 5, or 10 Times).
 - **Set as daily briefing**: allows you to add the alarm as part of the daily briefing feature.
 - **Smart alarm**: tracks body movements and calculates the best time for sounding the alarm. Place the phone somewhere on your bed then the phone's movement sensor (also known as accelerometer) is sensitive enough to work from any part of the bed. Set the Duration and the Tone.
 - **Alarm Type**: sets the way in which the alarm sounds when activated (Melody, Vibration, Vibration and Melody, and Voice).
 - **Alarm Tone**: sets the sound file which is played when the alarm is activated. Select **Sounds** or **Go to My files**.
 - **Alarm Volume**: adjusts the alarm's volume (0 - 7).
2. Touch **Save** to store the alarm details.

Turning Off an Alarm

▶ To stop an alarm when it rings, press and hold **Stop** on the display.

Deleting Alarms

To delete an alarm

1. Touch → **Clock** → **Alarm** → → **Delete**.
2. Touch the alarm or alarms you wish to delete. A green checkmark will appear next to each selection.
3. Touch **Delete**.

World clock

World Clock allows you to view the time of day or night in other parts of the world. World displays time in hundreds of different cities, within all 24 time zones around the world.

1. Touch → **Clock** → **World clock**. The clock for your location is displayed.
2. Touch **Add city** to add another city to the World Clock.
3. Scroll through the list of cities to find the city you want to add, or tap the Search bar and use the keypad to enter a city to search for.
4. Touch the city you want to add. The clock for that city will display.
5. To set Daylight Savings time, touch → **DST settings**.
6. Touch the sun symbol next to the city to add or remove Daylight Savings Time. If Daylight Savings Time is selected, the sun symbol will appear orange.

Deleting a World Clock Entry

1. Touch → **Clock** → **World clock** → → **Delete**.
2. Touch the city clocks you wish to delete.
3. Touch **Delete**.

Stopwatch

You can use this option to measure intervals of time.

1. Touch → **Clock** → **Stopwatch**.
2. Touch **Start** to start the stopwatch and touch **Lap** to mark a unit of time per lap.
3. Touch **Stop** to stop the stopwatch.
4. Touch **Restart** to continue or touch **Reset** to erase all times recorded.

Timer

You can use this option to set a countdown timer. Use a timer to count down to an event based on a preset time length (hours, minutes, and seconds).

1. Touch → **Clock** → **Timer**.
2. The **min** field is highlighted and set to 1 minute. Use the keypad to set the number of minutes you want.
3. Touch the **hr** field to set hours if desired. As you touch different fields, they will become highlighted.
4. Touch the **sec** field to set seconds.
5. Touch **Start** to begin the timer and touch **Stop** to pause the timer.

6. After stopping, touch **Restart** to continue or touch **Reset** to set the timer back to 1 minute.

Contacts

You can manage your daily contacts by storing their name and number in your Address Book. Address Book entries can be sorted by name, entry, or group.

You can also synchronize your phone Address Book with AT&T Address Book, the network backup service.

For more information, refer to *"Contacts and Your Address Book"* on page 55.

Daily Briefing

With Daily Briefing, you can monitor the weather, financial information, news, and your schedule from one convenient location.

1. From the main Home screen, scroll two Home screens to the left. This is where Daily Briefing appears by default.

 – or –

 Touch → **Daily Briefing**.

2. Tap the **Tap to add city** field.
3. Scroll through the list of cities to find the city you want to add, or tap the Search bar and use the keypad to enter a city to search for.
4. Touch the city you want to add and tap **Save**.
5. Sweep the screen to the left and tap the **Tap to add stock** field.
6. In the search bar, type a company name or stock symbol and touch .
7. Stocks will be displayed. Touch the stocks you want to track, and a green checkmark will appear next to the stock. Touch **Save**.
8. Sweep the screen to the left and tap the **Tap to get news** field. The AP Mobile news for the city will appear.
9. Tap the **Tap to add schedule** field.

 The Create event screen is displayed. For more information, refer to *"Calendar"* on page 140.
10. Touch the **Calendar** field.

11. Select a default calendar to use on Daily Briefing. Select **My calendar** to use the calendar on your phone or select an email account if you have added email accounts to your phone.
12. Touch **OK**.
13. Touch **Save**.
14. Touch  to select default weather, finance, and news.
15. Touch to  → **Create alarm** to add an alarm to your Daily Briefing.

Note: After Daily Briefing has been setup, tap on any field to display that information. Sweep your finger to the left or right to scroll through the Daily Briefing pages.

Email

Email enables you to review and create email using AIM®, AOL®, Yahoo!® Mail, Comcast, Compuserve, Earthlink, Gmail, HotPOP, Juno, Mac, NetZero, SBC Yahoo! and several other email services. You can also receive text message alerts when you receive an important email. For more information, refer to *"Using Email"* on page 94.

Gallery

The Gallery is where you view photos and play back videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or contact image, and share as a picture message. For more information, refer to *"Gallery"* on page 76.

Gmail

Gmail is a web-based email service. Gmail is configured when you first set up your phone. Depending on your synchronization settings, Gmail can automatically synchronize with your Gmail account on the web. For more information, refer to *"Using Gmail"* on page 95.

Instant Messaging

Instant Messaging (IM) is a way of sending short, simple messages that are delivered immediately to users online at that moment.

For more information, refer to *"Using Instant Messaging (IM)"* on page 96.

Maps

Depending on your location, you can view basic, custom, and satellite maps and local business information, including locations, contact information, and driving directions. You can also post public messages about a location and track your friends.

Important!: Before using Google Maps you must have an active data (3G) connection. The Maps application does not cover every country or city.

Enabling a Location Source

Before you use Google Maps and find your location or search for places of interest, you must enable a location source. To enable the location source you must enable the wireless network, or enable the GPS satellites.

1. Touch → **Settings** → **Location and security**.
2. Touch the **Use GPS satellites** field. A green checkmark will display next to the field.

Note: Selecting **Use GPS satellites** allows you to locate places of interest at the street-level. However, this also requires a clear view of the sky and uses more battery power.

Using Maps

1. Touch → **Maps**.
2. The **What's new in Maps?** screen will display. Touch **OK**.

 A map will display with your location in the very center.
3. Touch to display the following options:
 - **Search**: allows you to search for a place of interest.
 - **Directions**: displays navigation directions to a location from a starting point.
 - **Layers**: are additional items that you can have displayed on your map. They include:
 - **Traffic**: displays real-time traffic conditions so you can plan the fastest route.
 - **Satellite**: allows you to see you map as a satellite image.
 - **Buzz**: allows you post public messages and photos at a location for everyone to see.
 - **Latitude**: allows you to see your friend's locations and share your location with them.
 - **More Layers**: allows you to add additional layers such as My Maps, Wikipedia, Transit Lines, Watch the World Cup, and Favorite places.
 - **My Location**: when selected, the location displays on the map with a blinking blue dot.
 - **Join Latitude**: lets you and your friends share locations and status messages with each other. It also lets you send instant messages

and emails, make phone calls, and get directions to your friends' locations.

- **More**: allows you to select the following additional options:
 - **Clear Map**: after viewing or following directions, this option resets the map.
 - **Starred Items**: allows you to see locations you have marked as a favorite such as restaurants, museums, parks, etc.
 - **Labs**: this is a testing ground for experimental features that aren't ready for primetime. They may change, break or disappear at any time. Click on a Lab to enable or disable it.
 - **Help**: displays the Google Mobile Help web page where you can receive help on Google Maps.
 - **Terms, Privacy & Notices**: displays the Terms and Conditions, Privacy Policy, o r Legal Notices information. Select the desired information from the pop-up menu.
 - **About**: displays general information about Google maps such as Version, Platform, Locale, Total data sent, Total data received, Free memory, etc.

Market

Android Market provides access to downloadable applications and games to install on your phone. Android Market also allows you to provide feedback and comments about an application, or flag an application that might be incompatible with your phone.

Before using the Android Market you must have a Google Account. For more information, refer to *"Using Gmail"* on page 95.

1. From the main Home screen, touch **Market** .

Note: The main Home screen initially contains the **Market** icon. If you delete it, or if you want to access Messaging from another Home screen, you must touch **Applications** → **Market**.

2. Sign in to your Google account.
3. The first time you sign in, the Android Market Terms of Service will be displayed. Tap **Accept** to continue or **Decline** to exit.
4. Tap **Apps**, **Games**, or **AT&T** to download or purchase games or applications. You can also download updates to existing applications.
5. Follow on the on-screen instructions.

Note: To use any downloaded market application that requires a USB connection between your phone and your PC, you should first set the USB setting to **Mass storage**. For more information, refer to *"USB Settings"* on page 112.

Media Hub

Samsung Media Hub is your one stop for the hottest movie and TV content. You can rent or purchase your favorite content and watch from the convenience of anywhere.

For more information, refer to *"Media Hub"* on page 68.

Memo

This feature allows you to create a memo and send it via Bluetooth or Messaging.

1. Touch → **Memo** → **Create memo**.
2. Type your Memo using the keypad and touch **Save**.

 The memo will display in the memo list.
3. To send a Memo, touch and hold the Memo in the Memo list.
4. Touch **Bluetooth** or **Messaging**.
5. Enter the recipient information and touch **Send**. For more information, refer to *"Message Options"* on page 89.
6. To modify a Memo, touch the pencil icon in the top left corner of the Memo. Edit the Memo then touch **Save**.
7. You can change the color or your Memo by simply touching a color sample at the bottom of the display.
8. Touch to display the following options:
 - **Create**: allows you to create a new memo.
 - **Maximize/Minimize**: in the Memo list, allows you to see the entire contents of your memos. Otherwise, only the first line will be displayed for each memo in your list.
 - **Delete**: allows you to delete one or all of your memos.

Messaging

The Messaging feature allows you to send text messages and multimedia messages to other phones and email addresses. For more information, refer to *"Creating and Sending Messages"* on page 88.

Mini Diary

The Mini Diary allows you to keep a diary of your daily activities and also attach pictures. You can publish your diary entries to Facebook and MySpace.

1. Touch → **Mini Diary**.
2. Touch **Create diary** to start a new diary entry.
3. A pop-up screen will display stating that the user may be charged for using a data connection and ask you if you want to continue. Touch **Yes** to continue. Touch the **Don't show again** checkbox if you don't want the pop-up to display again.

4. Tap the **Tap to add photo** field to add a photo.
5. To take a new picture, touch **Camera**. To add a photo from your Gallery, touch **Images**.
6. Tap the **Tap to create memo** field to add a memo.
7. Use the on-screen keypad to enter a memo then touch **Save**.
8. Touch **Save** again.
9. The dairy entry will be added to your Mini Diary with today's date.
10. While in a diary entry, touch  to display the following options:
 - **Create**: allows you to create a new diary entry.
 - **Delete**: allows you to delete a diary entry.
 - **Publish**: allows you to publish your diary entry to Facebook or MySpace.
 - **Change photo**: allows you to change the photo. This option only displays if you have already attached a photo.
 - **Delete photo**: allows you to delete the photo. This option only displays if you have already attached a photo.
11. At the Mini Diary screen, touch  to display the following options:
 - **Settings**: allows you to enter a **Selected city** for your location and also select **Auto update** which will update your Selected city based on GPS.
 - **Delete all**: allows you to delete all diary entries.

Mobile Banking

You can access your banking information on your device. Mobile Banking allows you to view balances, perform transfers, view account history and pay bills directly from your mobile phone. Partner banks include: Citi, Chase, Wachovia, SunTrust, USAA, Regions, Arvest, Synovus, America First, BancorpSouth, Bank Caroline, 1st Bank, Carolina First, Mercantile Bank, and many more.

1. Touch  ➔ **Mobile Banking** .
2. Read the End-User License Agreement (EULA) and touch **Yes** to continue or **No** to exit.
3. Follow the on-screen instructions.

Mobile Video

Your phone allows you to access the Internet and download media files directly to your phone. These media files are displayed using the built-in Media Player. Mobile Video is a media service which allows you to stream media content (Weather, News, Sports highlights, etc.) directly to your phone.

For more information, refer to *"Mobile Video"* on page 75.

MobiTV

MobiTV is a subscription service that allows you to watch your favorite TV shows using your handset. For more information, refer to *"MobiTV"* on page 73.

Music Player

Music Player allows you to play music files that you have stored on your memory card. You can also create playlists. For more information, refer to *"Music Player"* on page 71.

My Files

My Files allows you to manage your sounds, images, videos, bluetooth files, Android files, and other memory card data in one convenient location.

1. From the Home screen, touch  ➔ **My Files** .
2. The following folders display:
 - **DCIM**: this is the default location for pictures and videos taken by the device. Touch **DCIM ➔ Camera** to view the picture or video files. For more information, refer to *"Accessing Pictures"* on page 83. Also, see *"Accessing Videos"* on page 85.
 - **Android**: the Android folder stores files that are used in Android applications.
 - **sd**: this folder displays all of the files that you have on your memory card.
 - **Bluetooth**: this folder stores files sent via a Bluetooth device.

Settings

This widget navigates to the sound and phone settings for your phone. It includes such settings as: display, security, memory, and any extra settings associated with your phone. For more information, refer to *"Changing Your Settings"* on page 98.

Talk

Google Talk is a free Windows and web-based application for instant messaging offered by Google. Conversation logs are automatically saved to a Chats area in your Gmail account. This allows you to search a chat log and store them in your Gmail accounts. For more information, refer to *"Google Talk"* on page 97.

Video Player

The Video Player application plays video files stored on your memory card. For more information, refer to *"Video Player"* on page 75.

Voice Recorder

The Voice Recorder allows you to record an audio file up to one minute long and then immediately share it using AllShare, Messaging, Gmail, or via Bluetooth. Recording time will vary based on the available memory within the phone.

1. Touch → **Voice Recorder** .
2. To start recording, touch and speak into the microphone.
3. During the recording process you can either touch Stop to stop and save the recording or Pause to temporarily halt the recording. After pausing, touch to resume recording. Once the audio recording has stopped, the message is automatically saved.
4. Touch to display a list of all your voice recordings. Touch a voice recording to play it.
5. Touch to display the following options:
 - **Share**: allows you to share your recording using AllShare, Messaging, Gmail, or via Bluetooth.
 - **Delete**: allows you to delete 1 or more voice recordings. Touch the recordings to delete and touch **Done**.
 - **Rename**: allows you to rename your recordings.
 - **Settings**: the following settings are available:
 - **Storage**: allows you to choose where your recordings will be saved. Select between Phone or memory card.
 - **Default name**: allows you to choose the name prefix for your recordings. For example, if your Default name is Voice, your recordings would be named Voice 001, Voice 002, Voice 003, etc.
 - **Recording time**: allows you to select No limit or Limit for MMS. If you Limit for MMS, you will be assured that the recording can be sent in a message.

Voice Search

The Voice Search feature is a voice-activated application that allows you to tell the phone what to search for and then the phone activates a Google search based on what you said.

1. Touch → **Voice Search** .

 – or –

 From the main Home screen, touch on the right side of the Google Search bar.
2. The **Speak Now** screen will display. Speak clearly into the microphone.
3. The **Working** screen will display as it searches for you.

4. Results will display on the screen. Touch a link to view the information.

 – or –

 The **No matches found** screen will display if Voice Search was not able to find a match. Touch **Try again** or **Cancel**.

Where

Where is a downloadable mobile application that uses your current location (obtained via the built-in GPS) to help you find places of interest, things to do, and local information while you're on the go.

1. Touch  ➔ **Where** .

Important!: Charges for Where service apply. Contact your service provider for details.

2. Touch **OK** to accept the Terms of Service.
3. Touch **OK** again to start.
4. Your location will be determined by GPS and displayed on the screen. Touch the address to use it as your location, or touch **Use GPS to get locations** or **Set location manually**.

 This location will be used throughout the Where application.

5. The following menu icons appear in the display:

 - **Weather**: allows you to check the local weather.
 - **News**: allows you to check US News, Entertainment, Sports, Technology, Odd news, or Local news.
 - **Reviews**: allows you to read reviews on various restaurants, bars, pool halls, nightlife, hotels, travel, and spa and beauty.
 - **Placebook**: allows you to keep an address book for your places. You can keep track of the places you've been to, the places you want to go, and a list of your WHERE Reviews.
 - **Coupons**: allows you to keep track of Where coupons. Each time you check into a location, if Where has a coupon for that area, you will receive a coupon.
 - **Events**: allows you to see special events in your area including music, performing arts, sports, single events, food events, and family fun and kids events.
 - **Movies**: allows you to search for local theaters and movies being shown.
 - **Gas Prices**: allows you research gas pricing in your area.
 - **Dashboard**: your Dashboard displays the latest weather, news, traffic and gas prices – all on one easy to view summary page.
 - **YP.COM**: allows you to search the Yellow Pages.
 - **Check-in**: allows you to announce when you've arrived at a location, share this information on Facebook and Twitter, and quickly save a location to your Placebook.
 - **Traffic**: allows you to create personal traffic alerts, view traffic hotspots, and plan your route.

- **Where Wall**: allows you to write on the world wide WHERE wall. You must set up an account first.
- **Shortcuts**: allows you to set search shortcuts for words you use often during searches to save you some typing.
- **Guess Where**: allows you to explore the restaurants in your area by choosing the restaurant for you in a fun and entertaining way. Future restaurant choices are made for you based on your recent Guess Where play.
- **Brands**: allows you to select the brands you use most. Choose from many different restaurants, stores, and services.
- **Zipcar**: allows you to rent a car by the hour or by the day.
- **Starbucks**: allows you to locate the nearest Starbucks.
- **Pulse**: allows you to view the "pulse" of your area by viewing news, stories, and items written and submitted by people in your area.

6. Touch an option and follow the on-screen prompts.

Note: These services require the purchase of a subscription.

Write and Go

Use Write and Go to jot down an idea, then decide what format you want to use to save, send, or post it. You can send as a message, send to your Gmail account, update your Facebook, MySpace or Twitter accounts, or save it in the Calendar or as a memo.

1. From the Home screen, touch → **Write and Go** .

2. Compose the text then select one of the following:
 - **Send message**: sends as a Message or sends to your Gmail (or other email) account.
 - **Update status**: posts this text to your Facebook, MySpace, or Twitter account.
 - **Save**: saves the text to the Calendar or as a Memo.

YouTube

YouTube™ is a video sharing website on which users can upload and share videos. The site is used to display a wide variety of user-generated video content, including movie clips, TV clips, and music videos, as well as video content such as video blogging, informational shorts and other original videos.

Note: YouTube is a data-intensive feature. It is recommended that you upgrade to an unlimited data plan to avoid additional data charges.

1. Touch → **YouTube** .
2. Tap the search field to search for specific videos, scroll down to browse through the main page thumbnails, or scroll to the bottom to explore additional options.
3. To view a video, touch an available preview thumbnail or touch the title link.

4. If you prefer high quality video, as the video starts to play, touch → **More** → **Watch in high quality.**

Note: It is not necessary to sign in to the YouTube site to view content. However, if you wish to sign in to access additional options, access the page via the Web browser and tap **Sign in** at the top right corner, enter your YouTube or Google username and password, and tap **Sign in**.

YPmobile

The Yellowpages Mobile application provides quick and ready access to businesses, map locations, and storage of your favorite searches. This application allows you to tap into local businesses, locations, and events, connecting you to your search in real-time.

1. Touch → **YPmobile** .
2. Read the End-User License Agreement (EULA) and touch **Accept** to continue or **Cancel** to exit.
3. Your location is found using GPS.
4. Touch the blue symbol on the map which represents your present location or touch any area of the map where you want to search.
5. Enter a subject or business name, city, and state in the search field and touch **Find**.
6. Results will be displayed and locations marked with pins on the map.
7. The following icons are available at the bottom of the display:
8. Location : searches for your present location using GPS.
9. Zoom in : zooms in on the map.
10. Zoom out : zooms out on the map.
11. Hide icons : touch to hide icons. Tap the screen to re-display them.
12. Touch to display the following options:
 - **Search**: search for a subject or business name.
 - **Browse**: allows you to browse popular businesses and categories.
 - **History**: displays your search history.

Section 11: Health and Safety Information

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government.

These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE).

In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC.

For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that

contains no metal and that positions the handset a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

GSM 850

- Head: 0.38 W/Kg.
- Body-worn: 0.70 W/Kg.

GSM 1900

- Head: 0.23 W/Kg.
- Body-worn: 0.49 W/Kg.

UMTS II

- Head: 0.42 W/Kg.
- Body-worn: 0.44 W/Kg.

UMTS V

- Head: 0.38 W/Kg.
- Body-worn: 0.36 W/Kg.

2.4 GHz WLAN

- Head: 0.36 W/Kg.
- Body-worn: 0.08 W/Kg.

SAR information on this and other model phones can be viewed online at http://www.fcc.gov/oet/ea. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone.

Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

Please Note the Following Information When Using Your Handset

1. **WARNING REGARDING DISPLAY**

 The display on your handset is made of glass or acrylic and could break if your handset is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

2. **WARRANTY DISCLAIMER: PROPER USE OF A TOUCH SCREEN HANDSET**

 If your handset has a touchscreen display, please note that a touchscreen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touchscreen may damage the tempered glass surface and void the warranty. For more information, refer to *"Standard Limited Warranty"* on page 176.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile phones and genuine Samsung accessories.

Go to: http://mobile.samsungusa.com/recycling/index.jsp or 1-800-822-8837 for more information.

UL Certified Travel Adapter

The Travel Adapter for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines.

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET. THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTATED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

What kinds of phones are the subject of this update?

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF

exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies.

When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones.

Base stations are thus not the primary subject of the safety questions discussed in this document.

What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals.

However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures.

However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years.

However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer.

This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF). FDA has been a leading participant in the World Health Organization international Electromagnetic Fields (EMF) Project since its inception in 1996.

An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations.

CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional

research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF).

Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000.

They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the

absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone.

Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims.

According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (Updated 1/1/2010):

- FCC RF Safety Program: http://www.fcc.gov/oet/rfsafety/
- Environmental Protection Agency (EPA): http://www.epa.gov/radiation/
- Occupational Safety and Health Administration's (OSHA): http://www.osha.gov/SLTC/radiofrequencyradiation/index.html
- National Institute for Occupational Safety and Health (NIOSH): http://www.cdc.gov/niosh/
- World Health Organization (WHO): http://www.who.int/peh-emf/
- International Commission on Non-Ionizing Radiation Protection: http://www.icnirp.de
- Health Protection Agency: http://www.hpa.org.uk/radiation
- US Food and Drug Administration: http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm

Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold. Always comply with road safety regulations on using a mobile phone while driving. Using a mobile phone while driving can be dangerous.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.

3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving. Suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call, dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.
9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

"The wireless industry reminds you to use your phone safely when driving."

For more information, please call 1-888-901-SAFE, or visit our web-site www.ctia.org.

Important!: If you are using a handset other than a standard numeric keypad, please call 1-888-901-7233.

Provided by the Cellular Telecommunications & Internet Association.

Responsible Listening

Caution!: Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing.

Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings and equipment.

You should follow some commonsense recommendations when using any portable audio device:

- Always turn the volume down before plugging the earphones into an audio source.
- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.

- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet: http://www.audiology.org

National Institute on Deafness and Other Communication Disorders

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD 20892-2320

Email: nidcdinfo@nih.gov

Internet: http://www.nidcd.nih.gov/

National Institute for Occupational Safety and Health (NIOSH)

395 E Street, S.W.

Suite 9200

Patriots Plaza Building

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4647)

1-800-CDC-INFO (1-800-232-4636)

Outside the U.S. 513-533-8328

Email: cdcinfo@cdc.gov

Internet: http://www.cdc.gov

1-888-232-6348 TTY

Internet: http://www.cdc.gov/niosh/topics/noise/default.html

Operating Environment

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder if you are using an external antenna).

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless phone and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the phone more than six (6) inches from their implantable medical device when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;
- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place;
- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless phone with such a device, consult your health care provider.

For more information see:

http://www.fcc.gov/oet/rfsafety/rf-faqs.html

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids.

The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

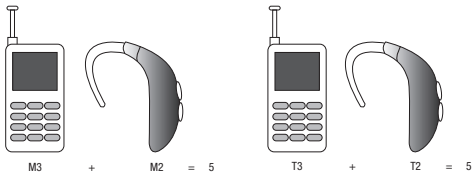
The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. T4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together.

A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.



In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This is synonymous for T ratings. This should provide the hearing aid user with "normal usage" while

using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that is acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules.

The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

HAC/Wi-Fi Language

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider about its return and exchange policies and for information on hearing aid compatibility.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your phone off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your phone off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your phone off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions areas or circumstances. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example). Before traveling in remote or underdeveloped areas, plan an alternate method of contacting emergency services personnel.

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. From the Home screen, touch . The dialer is displayed.
3. Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.
4. Press the  key.

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Restricting Children's access to your Phone

Your phone is not a toy. Do not allow children to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

FCC Notice and Cautions

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association:

NFPA (National Fire Protection Agency)

1 Batterymarch Park

Quincy, Massachusetts

USA 02169-7471

Internet: http://www.nfpa.org

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Ensure that any mobile phones or related equipment installed in your vehicle are securely mounted.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment near or in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.

- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals.

When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Maintaining Your Phone's Peak Performance

For the best care of your phone, only authorized personnel should service your phone and accessories. Allowing unqualified personnel to service your phone may result in damage to your phone and service may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- To ensure that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth and WLAN components must be disabled during a call. For more information, refer to *"Turning Bluetooth On and Off"* on page 130.
- If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.
- Do not hold, bend or twist the phone's antenna, if applicable.
- Do not use the phone if the antenna is damaged.
- If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit call performance.
- Speak directly into the phone's receiver.
- If your phone has a SIM or memory card: (i) handle the SIM or memory card with care, (ii) do not remove a card while the phone is transferring or accessing information, as this could result in loss of data and/or

damage to the card of phone, (iii) protect cards from strong shocks, static electricity, and electrical noise from other devices, and (iv) do not touch gold-colored contacts or terminals with your fingers or metal objects (if dirty, wipe the card with a soft cloth).

- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all features are available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

Battery Precautions

- Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- Never use any charger or battery that is damaged in any way.
- Do not modify or remanufacture the battery as this could result in serious safety hazards. Use batteries only for their intended use.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Follow battery usage, storage and charging guidelines found in the user's guide.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time and must be recharged before use.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers which are specifically designed for your phone. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.

- Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, leakage serious injuries, damage to your phone, or other serious hazard.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, (below 0 °C (32 °F) or over 45 °C (113 °F) such as in a car in summer or winter conditions, as you will reduce the charging capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below
 0 °C (32 °F).
- Do not place the battery in, on or near areas that may get very hot, such as on or near a microwave oven, cooking surface, cooking appliance, iron, or radiator. Batteries may explode when overheated.
- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.
- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.
- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. Do not handle a damaged or leaking Lithium Ion (Li-Ion) battery. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas (over 45 °C (113 °F)). High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas (below 0 °C (32 °F)). When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or near areas that may get very hot devices, such as a microwave oven, cooking surface, iron or a radiator. Do not dispose of the phone in a fire. The phone may explode when overheated.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- If your phone is equipped with an external antenna, use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.
- Dispose of phones in accordance with local regulations. In some areas, the disposal of phones in household or business trash may be prohibited. For safe disposal options for phones, contact your nearest Samsung authorized service center.

Section 12: Warranty Information

Standard Limited Warranty

What is Covered and For How Long?
SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's Phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada.

This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations? During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service

facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG.

If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

WHAT ARE THE LIMITS ON SAMSUNG'S WARRANTY/LIABILITY?
EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

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- WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

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This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

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Precautions for Transfer and Disposal

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

Important!: Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

Customer Care Center:

1000 Klein Rd.

Plano, TX 75074

Toll Free Tel: 1.888.987.HELP (4357)

Samsung Telecommunications America, LLC:

1301 East Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG (726-7864)

Important!: If you are using a handset other than a standard numeric keypad, dial the numbers listed in brackets.

Phone: 1-888-987-HELP (4357)

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